

# SEQUENCE LISTING

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<120> ESSENTIAL GENES AND ASSAYS RELATING THERETO

<130> 9013-44

<140> US 10/070,496

<141> 2002-03-07

<150> PCT/GB00/03444

<151> 2000-09-06

<160> 902

<170> PatentIn version 3.1

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<213> Drosophila melanogaster

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gagactttat cgccaactgc ttcagtcgcc tctacaaaac cccccgtac actcagacta 240  
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agctctactc cgattcgctg gcgcgttacg gcaagtcgcc ctacctttat cccatgtacg	180
gcctgggtga gctgccccag ggattcgac gtctgtcggg catctacggc ggcacctaca	240
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<210> 9

<211> 583

<212> DNA

<213> *Drosophila melanogaster*

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tatatattata ataattaatt aagtataaat taaagactta aattaatttt taaattgtaa	180
acgtattttt cacaaatgta aatgtacgat agtacaaatt agtttaaatt atagagcatg	240
gagtgaccat cactgatcgc gttaccaaca atttttttta aataaatttg agcttgacat	300
attcgcgctc ttgatcctta tacagttaaa gcaaacaatt gatcaattaa aaaatcatca	360
tctcaattct ttcgtagtat tattcataca gacaattatt gtattaccaa tttttccctt	420
tttagtttac acctacgcca ctcaagtgtta taataaaagg tttgcaattc agcacatatt	480
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<212> DNA

<213> *Drosophila melanogaster*

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actggctact aaggccgctc gcaagagtgc tccagccacc ggagggtgtga agaagccaca	180
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gacggacttg cgattccaga gctcggcggg tatggctctg caggaagcta gcgaagccta	360
cctgggttgg ctcttcgaag ataccaactt gtgtgccatt catgccaagc gtgtcaccat	420



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 gcttttaaatt aagatagaat aaacacataa atcaacattt ttgcaaggac aatacttttc 180  
 agataacatt tagctgattg ttccgaaact cagttccacc tctgattttg tgctggtgag 240  
 aatgtttcgt ctgttcagca gcccgttttt actgcaaaat tgcaacaaaa tcgaatgaaa 300  
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gtatgccccg tggggtgtga cttggacagc ctgatcactg gtttcgtagt cctttagggg 180  
cttatcctga aggctctagg accggctggt tctcgatat atccgtttca ctgcagttgt 240  
agttaagtag ttgccggcga gagagacaac gatatccac ctggtattcc tgatatgcaa 300  
ccaaatagga aatgattga cttcgcaagg atgacagcag cagtaggaac aggaaccgtt 360  
tatgttttct tgccatctcc ctcgactca ccttgggtccg tgcaccaagc cgcattccag 420  
atgagcggat aaacatcttt cgcagctgct gcgtgcctgc actgatcatc tgcgtaaaag 480  
aatggcgat aacaaatccg ttatgtc 507

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<212> DNA  
<213> *Drosophila melanogaster*

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gccgatttca tttcattgga agaaaccaac caaccaacca accaaccaac gaacatcact 360  
atgtaagaac ccaccgaagc aatcattttc attctacgtc cactaccaaa gaatttggcc 420  
gaaagaggtc ga 432

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<211> 439  
<212> DNA  
<213> *Drosophila melanogaster*

<220>  
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<223> n = ambiguous/unknown nucleotide

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tattggcagg agccaaggct ggtgagactc gtttactga caccgcaag gacgagcagg	240
agcgctgcat taccatcaag tcgacgtaag accagtcattg ttccagcacc cacggctttt	300
ttaataagct ttcttttttg cgtggctttc ctgttatttg aggtggagga aaaggatctt	360
ggtgttgatt taccacccgg ttagcgcgag aaggagtgc aagggtttcc tgatcacttt	420
gatcgattgc ccggttcac	439

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 <212> DNA  
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aacaaacagt gcacaaaatg acgccaatg ttaaggacga tggtgactgg agagtatccg	300
gaatatccag aaattacccg agctatcgcc agcatcgacc gattaccagt gaaagggttg	360
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ttgctcagct ggctggagg gaaaaatgta gatgacgaag ccgaaggctt ttggcgaatt	480
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 <211> 536  
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 <213> *Drosophila melanogaster*

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tgtgcttagg caaacgctcg aaaaagaaaa cttcacaacc caccggcttt tttttcacca	480
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 <212> DNA  
 <213> Drosophila melanogaster

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 cttgcagggg ggtggtgcta aaagtcaatt ttaaagatgt ggcggccgag tatctcgaat 420  
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 <212> DNA  
 <213> Drosophila melanogaster

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 <213> Drosophila melanogaster

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gcgagggtta cgtaggagca gagcaccgtg attacggacc agatccccca atccccgcga	360
gaaactgaga atagaaaaac gaaaattgcg tctgttgtgc cgaagtgaca cgtgtgtgaa	420
tctcataagc ggagcgattt ggccagggtta acaaccctca tagtaatgca atattccagc	480
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ttatgggcaa tccggggccg tcagaatgcc tgaatcg	577

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 <212> DNA  
 <213> *Drosophila melanogaster*

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catcgagtgc gaggtgagtg gaacttggag tacctgccga tcttacagaa actaacctgt	180
ctcgcatcca ttaccgccg ggattcccc ctggattcta tctaaatcac cgggttggtg	240
gaccaccttc ttaactgaat cctagatggc ccgaacccaa aagaacaagg ccacctcggc	300
ccatttgggt ctactgaagg cgaagctggc taagctgcga cgcgaactga tttccccaa	360
aggaggcggc ggcggaaccg gcgaagggtg gctcttgggt atacaattaa ggcaatcact	420
aaacattatg tatttccagc tggcttcgag gtggccaaga ctggagatgc ccgggtggga	480

ttcgtaggat ttccttctgt gggtaaattcc acactgctct tcaacttggc ttgg 534

<210> 23  
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 <212> DNA  
 <213> *Drosophila melanogaster*

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 aattgagcgg acccaccgaa aaagtaaaca attaaatcag atgaaatgcg gccccaaaac 180  
 ggaagcccc cacctagtag tgactttcac gcagatctct cgattatcat gaaatttcct 240  
 atatgtgatg tacatacata tgtacatcaa ttatttaacc acatatagta tattgacgta 300  
 catatgtata aggtcgctcg cttggcgata attttgataa gcccaatgat actttcagtt 360  
 taaatgtgtt ggtaagcgag ttcttaaata attgtagatt attaagttgc tgtgtgttga 420  
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 <213> *Drosophila melanogaster*

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 tcgatccgaa ataaacaaac gctcgcgtat ttacataatt taagtgaata gtaacgacga 180  
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 aattc 305

<210> 25  
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 <212> DNA  
 <213> *Drosophila melanogaster*

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 aagttttgcc aaattcagtg aatgaaacta aactaactga aatgtgcgag gctagttgct 180  
 ttattagcaa taacgttgga tcttatttaa atggaagaag tccctctaaa gttataaact 240

tgccacttga ccctcgtttt tgtggtcgtt gttgttgtgt tgctgttgct gtggctgctt	300
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atttgtaatt taattagcgt acttacacag aaatgctcga gggaatagtt tgctagaggt	420
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 <213> *Drosophila melanogaster*

<400> 26	
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ccggcttacg agccccggct ctcttcgcct cttttggagc tcgctctttg ccgaacggag	180
aacctaccgc aattcgtttc gtgttcacgg ctgcatttcc ttgtttatgt tttgcgaagc	240
caaatgttag ggtacatcgg tttaagtgcc gagccaggaa gaaaggagag agcgagcgaa	300
ccgagtaccg tttatgttg	319

<210> 27  
 <211> 493  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 27	
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aaaactatatt ttgaagggca ctgaaacata ttcaaatcat attgaggatt tcttaaatat	180
ttcttatgtt taaatactac tttagtgact attagcatat tttagctgca tacgtatcga	240
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gctaaattgg aaataaacta tgaaattaac gtcataagtt taaaaatccg actggaacac	360
agcacacaac atgtctacat ttcaaatacc ttcccgaatc aaaatcgata taacaaataa	420
acgggacacg aacattcttc acaaatatct acattttaccg taagttgctt aaataagcta	480
aagattttat gat	493

<210> 28  
 <211> 571  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 28	
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acttttcaact	tgagaccacc	tgaaaccccc	attttttgat	tttcgggtac	gaccctacg	120
cctgcgatgc	cctttgtttt	gttgtgttgt	ttgcaattac	agattgtttc	cctgacaatg	180
gccaaactttt	cactggccat	tccgtttcaa	aggaagtcgc	agcttgcaact	cacctgtgtc	240
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cggtaagcta	gttttttagaa	agtacgatct	cgtaatgcc	cagataatac	gcaattcttg	360
tacgttttcc	aatctgttcg	tatttatgat	gactggctag	cgacagtgtg	gcactttgtg	420
gccagggctg	gcggaaatac	cgaaataccc	gcaaggctgc	aatcgccctat	cgatacgatg	480
cgcaactggcg	tggccaatcg	atagtatatg	tatgtatgta	gaattgcaga	aatttctcgc	540
acaagcaaag	tgtttgggag	gataaacgcc	a			571

<210> 29  
 <211> 550  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 29						
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ccttcttctc	actcgcgtgg	gagtgagttg	gggtgcataaa	tcccgttagg	tttaatttcc	120
ttgggtggtac	gttttttttc	tggtctctgac	agcctcttta	aattaccatt	ttcgtgggtct	180
ttttttgggt	ttatgtaaat	gtactgtcct	aaattactta	aaattagcca	ggaataattt	240
ataaaaaacat	tgataatttt	tagatcgcaa	cgccaaagtg	tgagaaaaaac	aaacaaactt	300
cgtccctgt	caccgcctga	ctgactgact	tatgttttgt	tgttggcaaa	agggcaggg	360
tgccaaaggg	cgtgcagttt	gggccaaatt	agaaatgtgt	ggttctaacc	atggattaaa	420
tttgaacaaa	gtaaaatatc	ttgcaaaaag	atgtgtataa	tgccacagta	actgaatttt	480
ttcttgcaaa	acaccccaga	aagcaccaat	tatttggcgc	gcaatgccct	gcagttagat	540
ttcagcactg						550

<210> 30  
 <211> 528  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 30						
agctggatta	acatgcaatc	atcccgaacta	cgccatcctg	gctgctcgca	ttgcagtgtc	60
caatttgcac	aaggaaacca	agaaggcttt	ttctggtaag	ttcatagctt	gtattctgag	120
ttcttcgggt	aatccaatca	tgattcttat	tagacgtctt	cgaggatctg	tataatcatg	180
tgaacaagga	gacgaatcaa	aaagtgcctt	tggtatccga	gtttcactac	aatgtgggtta	240



agaagaacgc cacacggctg aactcatcca taatctatgg atcgtgactt tggctataac 300  
tattttggct tcaagaccct ggagcggtcc tatctgctca aaagaaacgg gaaagatcgc 360  
agagcgaccg cagcatatgc tgatgccgcg tgggcgatcg gaatccatgg agaggatatc 420  
gatgccgggc cgtggaaact tataatcttc tatcggagcg ctacttcacg catgcatcgc 480  
cacactgggt gccgctgcac aaccggccgc agttgtcgtc gggttcct 528

<210> 31  
<211> 271  
<212> DNA  
<213> Drosophila melanogaster

<400> 31  
atatggacgc tttgtttaag cccgatgtct tctacaataa aacaaaaaaaa aagccaaaac 60  
tggttctctt gttcttattc ccagcatgtg catgttccac agccagaaac tgtgtgtgtg 120  
tgtgtgtgtg agccattagg aggaaggaaa aacaatctaa tcaagcaatt taaacagtca 180  
acagcaataa aaactgctta aatttgcatg gcttagattc tcgtggtacg aagtaacttt 240  
aaagtagtga aagaccaacc gtttaatat t 271

<210> 32  
<211> 450  
<212> DNA  
<213> Drosophila melanogaster

<400> 32  
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gtagacaatt aagttagttc ttagccttaa cctccaagaa aatatcacgt tgagctgcta 120  
attcagattt atgtaatgag ttattagaac atttgctgta tgtaattacc taatgataac 180  
ggcaatagtg tacatttcct tgttcaatta acttcagtga tcaatttctt cttaggatcc 240  
atgaaatgcc ggatttcata aagaaaatag ctaccatttc atttaaaaag cattcatgaa 300  
gtcttaaata tttccccaca gatatgagaa cggcgactgg gcccaacgca ccgactggca 360  
tcgtgtagtg gtgttcaagc ccaatctgcg tgacaccgtg ctggaatact tgaagaaggg 420  
acagcgaacc atggtgcagg gaaagatcac 450

<210> 33  
<211> 385  
<212> DNA  
<213> Drosophila melanogaster

<400> 33  
ccgtgctgcg tatgataaat ccgtcattag cataaccgca ttgaagctaa gtcttcggga 60  
aaatgcttaa gcttgtgcaa tacatagccc cccgggtggg cggcgccacg ccccgaccga 120

ctgcctgcgg ctggggcaac ttgctattga tttccccgag aagtggcgcg agctccgaga 180  
aatgtataac gcaacgtcgc cattttcttt tctcctccgc cagcagcagc ggcactttcg 240  
cttcttcttc ttcgctctgc accgaacaac gacaacagtt ccacgggagt cgcaggaatc 300  
gtgagacaat actgttccca agcacatata gtagtctcca agctcagtcg cagcgtgcgt 360  
ttcgagacag ctcgaaacca gattc 385

<210> 34  
<211> 442  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 34  
gctgctggag aatacataac tgagatttgc gacaggctgc gcgaaaaata aagctcagat 60  
ttaagtttg tttttttgcc cctccctctc cctccgcaca ttccaccttt tgaatacctt 120  
cgtactcgtt gctgttggtg cagttgtggg gaataaacca gctctgcggt tgctggcaag 180  
caaattggcc actttctggc agttcggctt aatcacattc tgagcgcatt taattgttaa 240  
caacattttc gatccaaaac tcgtttgttc ttagctgctg tttttgttgc tgtttctgtc 300  
ggcgcggaac agctgacttt tgtcgtatgt tagctaacaat tgagttaaca tggagctggt 360  
aaaaactgcc aacttgtttt tgacaacgtc tgctagcaac ataactgtta taaagtctaa 420  
tgccgcgtaa tttgaattta aa 442

<210> 35  
<211> 510  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 35  
gcacgcgtca agttgaagat gcagtgtgac cgcaattaaa tcatcaaaaa ataccgcctg 60  
gcagtagcca gcatcaatgt ggaccgttga aaaagaaaca aggtttgatt ttgatttttt 120  
ttttgctttt tttgggcaag atagaagaaa ttaaataataa ggaaaatgat aaactaactg 180  
tgatcttacc cgaatttgaa atatactgaa gcagaaacat tttaaataatc tcaactgttcc 240  
gtgacagcga cagttataaa cgtgtccatc cctggaaaag ccagtgtttg ccaaccatca 300  
ctcagatctg tcatacccggt gttgaaaagt agcaagaaca agaaaagtga gttcaagctg 360  
tttctttaac caaatttttg caattaacaa gcattttact gtttttaacg gcagcatggt 420  
gagcatcacg gcccgtaacc tggcaagcgc cctccgcagc agcctcgtcg gcacatcgtc 480  
gcgcgtggcc gccgtgcgct gtctgcacgg 510

<210> 36  
<211> 401

<212> DNA

<213> *Drosophila melanogaster*

<400> 36

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atcagtactg tccaaaatcg aaaatcgccg aaccgtagtg tgaccgtgcg gggctctgcg      60
aaaataaaact tttttaggta tatggccaca cacgggggaa agcacagtgg attatatgta      120
ttaatatatt atgcaggttt tcattactta tccagatgta agcccactta aagcgattta      180
acaattattht gccgaaagag tataaacaata tttcacataa aaatggatta agaaaagctt      240
gtgtaagatt atgcgagcg ttgccagata gctccattta aaacacttca aaaacaataa      300
gtttagaaaa tatatacata aatagcagtc gttgccgcaa cgctcaacac atcacacttt      360
taaaacaccc ttacctaca cagaaatact tttttaattt c                               401
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<210> 37

<211> 445

<212> DNA

<213> *Drosophila melanogaster*

<400> 37

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gtctgtctac ggctttcctt tccacaggaa aatatattht cagttttagg gaaggggtgc      60
tacagtgagc gtctttcgtht cccagtgtcg ttatttctat agtattgctg agatatatat      120
cagagcagta aagatattta aatataagtht cttcgaaatg ggtggtcacg acaactggaa      180
caatggthcaa aatgaggagc aagatgtaag tagcacacaa aaccgagact gcacagggaa      240
aaaactcagtht cgggcataa tccaatata tatatattht ggtgatcaac gcgctthttht      300
ccatgcggca actaaagtht gatgthtcta aagcatttht gttgcggttht tgttacttht      360
gactaagact aacagtagtht gthtcttaat aattgctagg gaattacaaa gcctgtcggtht      420
attggthtct cthtthtactt tthtag                                         445
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<210> 38

<211> 380

<212> DNA

<213> *Drosophila melanogaster*

<400> 38

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gttactggtg acagcgatat tattgtaact ttaccacat thctthtcaa aggtacttht      60
tctggthttht agthtthtcatg catattggat cactthttht attggcaacg catgthttht      120
tgctthttht tgatgaacaa attcgaggagc aatatgthttht attacttht thcagcttht      180
thctattthttht caaaccaatg agctgcgagtht thaatagcact gaacataagtht thcatcatca      240
acatctatgtht ctgcatttht thactcataa tgttgggata thcagatacca gcattgthttht      300
tgaataccac attctatacg ccaaaggatt atagatacaa thcagggttht ctgggcaact      360
thcatggcttht catgggthttht                                         380
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<210> 39  
 <211> 449  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 39  
 gaatagccaa ccaaagcaaa aaagtgaaaa agacaaacaa aactgtccgt ccagcattcg 60  
 tttttctaca cacatttcga aagaatgtaa atgtaaagtg aagaaaaaca gagagtaaga 120  
 gagagacctc aaaactggcc attggcaggc caaacacata cacaggcaca ccaagcatac 180  
 aggacacaca ggccacacac gacacacacg cacgaacatc cagtgccttg ccgcagtcac 240  
 aaaataatca agaagcagct aaatcaggca aaagcaagac gactgcaacg tgctgatgtt 300  
 gacgaaacat ctccattggg acgaataaag caattagcaa aggttcacga ttgttgccac 360  
 ccacactgcc aggaggcgga agaagctgga agggattaag aatgcgggat acgttgggac 420  
 tcccactcgg actccgtgga gtttttagc 449

<210> 40  
 <211> 572  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 40  
 gatgagatag aataatttca aagtttttag ttcataattca tattcttcat attcatatta 60  
 gagtaataca agaatttatt attcatattc aatttagatc cgattttggc ttgtgtggga 120  
 ttttagatac agtttaggtg ttgttttggg atgaacgttt atggagcagt tttgatttaa 180  
 gttggacata tatagtaaga tacataaaca gacacagtgt ataaattagc ttttcataat 240  
 ttgtaaatatt tttattatag gcagtatttc gatagaggca actaatttaa gcggattgtt 300  
 gattaaaatt cttgttcgca acgaatataa tttatatgat acagctaaca aatacaggat 360  
 taagccaaaa atcggcttag gaaataccct tactatttaa aaagcttaca tacgatagta 420  
 tcccatacac ccatcacgcg cacatcacta acacccaact gccattgtga actgacaatt 480  
 gtaacttttc cgcacgaaag ttagcatttg caaaggaaaa taagatgaaa acaagattta 540  
 aaatccttaa aatttattgg gggagttcca at 572

<210> 41  
 <211> 246  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 41  
 ctaaagccaa atagaaaatt attcagttcc tggcttaagt ttttaaaagt gatattattt 60  
 atttggttgt aaccaaccaa aagaatgtaa ataactaata cataattatg ttagttttta 120

gtagcaaca aattgatttt agctatatta gctacttggg taataaatag aatatattta 180  
 tttaaagata attgcgtttt tattgtcagg gaggtagttt gcttaaaaac tcgttttagat 240  
 ccccg 246

<210> 42  
 <211> 407  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 42  
 gtctagacat atcaaatcta accctgacct cagcaatggg caaataaaac cgcccatttg 60  
 gccaacatct accacatcta atctgctaata gagaatacac gcacatacca cacatatgta 120  
 tgtataggcg cgcgcacgca cacacctgca aaagctttta ctaatctaaa gtcacgagc 180  
 gagcttttcg tgaaatgctg cagggttcttc gtcgtcggca atttttgcac atcagtttta 240  
 aaacccaagt taaccgaaac ggcttggtta tttctagctg cggcggtata aaacaccttt 300  
 ttttttggtg taatccaggt taaaacaata aacagtgggt ctcaaatgaa aattccatcg 360  
 aactttgcgg ctgttcactt ttgctgaaca gtttgcaatt cttgttt 407

<210> 43  
 <211> 537  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 43  
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 gaatttatgc tactaaattc acccgaaatt gtcagttcac aatagtgaca ggtaagaga 120  
 gcgttgccag atcaaccgct tgctcagaccg gttttacaac actggcaaag tgagccctat 180  
 atttgaactt ttcaaaataa aaatttgttt attgaaattg tatgtttata acttttattt 240  
 gtattttcaa cttcttttaa acttattttt atgatattaa ttttatattt aatcgagtgt 300  
 ttggcagtat taaaccattt acgcaaactg ttacatatt taaaattcga agttggaata 360  
 taaaaagctt tagtagaata aattaaaaat taaacagcca aattgtatag ccattttaca 420  
 atgcttaaga ttaaaacgga aaaagatact cgtcataact ttacaagttt ttattttaaa 480  
 aaatattaca atttgctaga taaattgtgc cttaaagttat cagatttagc tgccaac 537

<210> 44  
 <211> 292  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 44  
 atccccgggt tttgtcaaca tctgcggtgc gtctgcggc ggagcacgtt tcttactcat 60

cgcggggtcac gctctccacg aagaatgttc cggaaccaac ccgggggagg gcgatcttat 120  
 ttttaattgga ttaacaaaaa aactcattga atccaaggag ctacaagatc ctgtggacaa 180  
 gcctatgcga agtgagggtta tgactacaac tcggctttta tatgctttca gttatggccg 240  
 ctctgtccat atcgaacatc gtgaaaagct ccttgggacc cgtgggtctg ga 292

<210> 45  
 <211> 349  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 45  
 cagtaaaccg cgactgttc tcgttgcttc gagagagcgc gcctcgaatg ttcgcgaaaa 60  
 gagcgccgga gtataaatag aggagcttcg tcgacggaga gtcaattcta ttcaaacaag 120  
 caaagtgaac acatcgctaa gcgaaagcta agcaaaaaa caagcgcagc tgaacaagct 180  
 aaacaatctg caataaagtg caagttaaag tgaatcaatt aaaagtaacc aacaaccaag 240  
 taattaaact aaaaactgca actactgaaa tcaaccaaga agtaattatt gaagacaaga 300  
 agagaactct gaatactttc aacaagtcgt taccgaggaa agaaagaac 349

<210> 46  
 <211> 241  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 46  
 cgtagcagc tggccgtact cgtgccgttt aaaagccgaa atttcatcag tttgatttca 60  
 attgcaaaca aacaacctgc gaacatgtca ataaagctca aagcgaacct taacaatccg 120  
 cccataagtg agtatcaaac ggatgccggc tgctgtgacc tccagtgcc ggaggatctg 180  
 cacttagtga gggtatatcc gcacgggggt ctatttatgt acacaatata tccggcaatc 240  
 c 241

<210> 47  
 <211> 499  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 47  
 cgctggccac accgcccga aatctgcctt ttccttttcc tggtgtattg cccgacggac 60  
 ggtatgtgta ttttttgag ctagccacgt gctaagtttt gtcaatggaa ggcccggcat 120  
 tggggatttg ctggccacgg atgcggcact ggcagtggcg agcgaatgct ggcacaaaac 180  
 taacgtttga ttgttctatt tgcagtgatc gcccgttcaa tatagtgaat caaacatggt 240  
 gagtatctgt tggtggtgaa gatatggtca cgattgtttg tctttgcctt tggaatacct 300

gactaacggc taaaaccac tcacactttg caggctcgtg gcccccaagaa gcatttgaag 360  
 cgttttagccg ccccccaaggc atggatgttg ggacaagctg ggaagcgtct tccgccccgc 420  
 gtccccctcga ccggtccaca caagctccgt gagttcctgc ccctgctgat cttccttgag 480  
 aaaccgcttg aagtacccc 499

<210> 48  
 <211> 462  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 48  
 ggctgtacgt agctgtgagg atactagagc tggcaccaag ccgatggcac tatcgatagc 60  
 gatggctgca ttctggccgg caccatcgat ggacttgcaa tagcgattgc tatatgaaaa 120  
 ctaatctaaa gaggtggatg cacttcagtc gactttctat aatttgctta aactaataaa 180  
 tgatttgatc aatacagctt tctgtaaaaa ctggcagacg ctttctgctt ttaataattg 240  
 ttaatttaag ttcaacgggc tggcatcacc gtttcttagc acggactcaa gcctgagtct 300  
 attatttcaa ccaccactgt aacgaaaaca gcatggacag attgaaattc aataatttgg 360  
 taaataaacg attttattta aaattataga gttctaatta aaaagaactt ttacaggtga 420  
 tatccaacaa gaaggtcatt caaaaggcac gcgcccagac ca 462

<210> 49  
 <211> 164  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 49  
 atcgaaacga gtcgcgccga tggctgacca ttcgttttag gtacttcccc gatgttcggc 60  
 ggatgggaaa ttatctgagg cggccacgtc gagatgactc acgggttttt caggcgcacc 120  
 actcagtgtg atttttttga tcggctatac tataagcatg tacg 164

<210> 50  
 <211> 207  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 50  
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 taaagtattg caactataat aaacttttaa agctcacttg ctgtatccct gacttttggc 120  
 aattttctct gcttccaaga ctcgatttcc cgaccggcag gtgaatatga ttggcgactg 180  
 cttctccggt ttcgatattc cgtactt 207

<210> 51  
 <211> 438  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 51  
 ggggtgggtgt gcgcaaaaat tagtcggcaa gcaattcaaa agtaagagca accggagcga 60  
 acaaaaaagg gaataactta ctaaaatctc tgaaagaaaa ataaaaagac taacgggctc 120  
 ggcaagctgt gtttatttcg acaagtaatt atatacttgg agtgcaagca aaggcgaagg 180  
 aagtggaagg acaagcaacg aaatcgtgct cttatccgtt cctgtactgt gtctctcttt 240  
 cgctggggaga gtgtgtgtat tgggtgtgagt gtagaaatct gcaagaacag caacgccaat 300  
 aaaagtggaa tcgagaaaaa aaacgcagtg gcgcgtgaat cacgagcaat ctgaatcatc 360  
 tctctacaaa aatacctgtt tctgttggcg catcatttat acccaattaa atcctaaagg 420  
 atgggaacac cacgaagg 438

<210> 52  
 <211> 554  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 52  
 gtcagaacat tccagtcagt tcgtgtgtgt gcgagcgagt caactagtgt gcacttcgca 60  
 ggggaaattg tcagttgaag gactgaaaag ttcaggaaat ttcgagaaat atattttttt 120  
 tattgacata ggtcatcatt ccaagtggtc attaaactaa attcgtatgc aagctatttt 180  
 tggctgattt gcggattgat acgttaagcc attcatattt ttagattctg tttttggttt 240  
 atatctcttt tattatatgt gcaatacata tgtgtgtatt tttcttctga ttggaatatt 300  
 tcctctgcag aatatgacat acaattacca taaaagtttg aacacacttt tcaaaaactta 360  
 attattccaa ttaattattt ccaaaaattt aaagaatccg tactgctcta tatccaggat 420  
 acataaatat atagatacct atataggaag tttcatagat aagatgtttt atagaatact 480  
 tccgtagatc gggtagaatc tttaatgttt tttataaata gggaatttta agaagccaga 540  
 accaatgccc aaaa 554

<210> 53  
 <211> 450  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 53  
 gctcgggtgt agcatggcgt tagtggtgct aaacacagag ttgcatgtgg tctagtgttg 60  
 tgcagaaata ttagtgacag taaatcatat acatcttatg tgggtattttt cgctatcaac 120  
 tgttacagtc aactaagcc aattcgatag atttcgatag taaaaataaa catttttgaa 180



taacataatt actttttag	aagttacttt ttacgggggtt	aatttcaagc agacattttc	240
ccaacatggt ttacatacac	ttccccaaca atttaaccga	agaggagcaa atgctgcagg	300
ccaagtatca gaaactcaag	aaaaagggtg gaaaactcat	gccacaaatg ttgattattt	360
atattaacaa gtttttaacc	cgtagaaaaa ggcactgcaa	gcgcacaaagg cgcccaagcc	420
ggaaccggag agctccttga	ccttgaacgt		450

<210> 54  
 <211> 470  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 54			
ctctatacca ctgctgcccg	agtttgcctt caattaaaaa	taaattacaa aattcatcgt	60
taccgttcgc taaacgcaac	gcattgcccc ggcgctccgag	ttccaaatcc aacacaacac	120
gagtggtagt atcgctgtga	aaaatgtcaa caccgcacg	cagacgtctt atgagagatt	180
ttaaaagggtg agaagaaact	aaggaatcga atgcgaatag	aaaagaatac taactaaacg	240
aaagctaagg aaaacaggaa	ggcaaggagc gaatggcaaa	gttacacaca accgttggat	300
tttacgtttt acgtgtttct	cgttccgaaa aaatgctggg	gaaaagaaac ctgggggctg	360
cccaatacat ataagccaac	acacggacac ccgttttata	tgactgtgct ccacgtctgt	420
atgtagtgga aaagtttgcg	ccagccaaaa tatttcgttg	tgcatgttgc	470

<210> 55  
 <211> 465  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 55			
agctgtagac acatcagcaa	tgccggacctg ccggatcgct	tctgtgtgcg accagagatg	60
ccgaggcgga aacagttaag	acatttaatt ttttaatcta	attactttta attaataact	120
tatgcataat tatcaatgaa	tgggacattt tattattagt	tattaataaac tgaaacgcta	180
aatgatatgt actgaaatct	taatccatga agtgcatttc	actggatgat taacaatttc	240
gtttcactat ttgccattat	ggcacatgta attcattaat	taattgtttt ttaattcatt	300
gttaagctat aattttcttg	ttcatccata tccacatact	tctttgagcc gctggtat	360
tggcctccgc cgttatctgg	ccacactttg cagattccct	ggcgacgcct ttgatccaaa	420
ctctgcgccc ggaatattgg	attattttga cttgactatt	ggaaa	465

<210> 56  
 <211> 564  
 <212> DNA

<213> Drosophila melanogaster

<400> 56

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ggacaaacct agaaaaaaaa aaatgtgaga gagagagagc gaagagctgc agatatagag      60
aaaagcacgt tttccgtgca tgcgccttta atctcattca atcaccgcgt ctttgccatc      120
gaatcagctg tgaaatacac taccatgcaa agcattttatt atcttcaatg gaaaaatatt      180
tttaaattgg aaaaaacacc agtgacattg acctgacact gaaaacaaaa ttatataata      240
ccgcatcatt aaacaacagc atatgactca atggctctaa tcggttaact cagagttcca      300
ctttaaataa cttgaccttt acaaatattc tttttatttt atggaaataa taattaggtc      360
agttcagtaa aataatccaa cacttgattg atagctatct ctgtagcccg ttgttatctt      420
tttcagtagg aacatatgta acttttgagt tacctggatt ttgggttggtc agactgtgcc      480
ggatcgtata ccgaaattta gtccaaattt ttaagtttat tttttacctc ggaaatatcc      540
aaaatttggg gcttacgcat ggggt                                         564
```

<210> 57

<211> 251

<212> DNA

<213> Drosophila melanogaster

<400> 57

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ccccagggttg aggcattaaa aagctaacgg tttcttgttt tccgcttcgg caaacaaaac      60
aggtgcgtgg tggcatagtg aatatacgca tatgtatgca cacgaatata ggtgtggaca      120
cgggcgacag cgggagcacg gagtcttgcg tgattcagtt tacaacctgt ggtagtgtgt      180
ggatttagca attctgtttt atcagtcctc tagaactgat atattggcta ttcggaattg      240
ggaatttttg c                                                             251
```

<210> 58

<211> 450

<212> DNA

<213> Drosophila melanogaster

<400> 58

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ggcccgccag tatttaatta cgaaccgttt ttgtctcttt catcagcagc attcgcaatg      60
gacacgacac tgatgaactt aatagacgct ccgctggacg agtccatgga tttgttcaaa      120
gcggaggatg tcttcgaacc gttcgacgcc gacctgcact cggacatgct ggacatcatc      180
ctcaacgata tggacctggc gccgacgcag atgtacaaca tgctgctgga cgagcctcga      240
acgcataccc agcagacgca gtccgtggat cagcagccgc aatccgtcga gcaacagccg      300
cacgtgaaaa gcgagcactc ttcgccagtg cacatcaagg aggaactgca tcagcagcaa      360
caacaatcgc cgcttctcgc taaaaaccag atccccctcat agccacaagc tacaattgtc      420
```

ccacaacagc cgacgggcct ttgaaggccg

450

<210> 59  
<211> 581  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 59  
accacgccat agtagccatc caacggatgc tctccactct cagatgtctt ggattctttg 60  
gttttagcact tgtagtagga atgggaatgt gaaaaatatg acgatatttt aacaagtctt 120  
ttctaattaa taataaaact gaagttctta tacattgtta gaacgggaac tttatgtatg 180  
attctaattt tacaatttct tggctcttta atttttctct ctctctctaa acctccctct 240  
cccaggcgct ctctcaggcg tttctccac gtttattccc cacagctcca aagactatca 300  
atccgcacag ttagcgcttc gctcattgcc ccaacaattt tcaaccgcgt cgcttggtgtg 360  
ttcttttgcc gttcgagaaa tccaaatccg aaagatatca acgaaaagat gggatacttt 420  
gacgtattgc cacgagaaat tttccgaata acgttatttg tggtcgagac tgctaaatga 480  
ttttggggta attaaaatga caaaaaacgc agttctaaat atcggctttt tcgcctttcc 540  
cgatcttttt tcgcacatta acgggttttg ttttggtggt g 581

<210> 60  
<211> 436  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 60  
agttaaacaa tacaatacac aaactacagc tgtttaatgt gcccggactc tagagttgtc 60  
acctgcttgg gctgccatgg ttggcaactc cctttgctta agtgctgtgc taatcaacac 120  
tgttaaaatt accgctaaaa cgtaatttcg aatttaaaact taaaattata aagtgcgttc 180  
aattcgttcg ttttatttat gatagcattg tacctgcaat ccacaaagta taatattcgg 240  
agctgtaaaa accctacgga ttataagaca aaocctcaaat aggataccta taagtgcctat 300  
acctgatcct tattgtgtcc agatggtttc catccttgat taccagacga caattagggg 360  
attcgttagg tagccaatc gcaaccgat tacctggtct acaactcttt ttttttggt 420  
taaataaggc gggcaa 436

<210> 61  
<211> 645  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 61  
aaccagccac agataatgct gtgaggaccc gattctgata ggcgagagca atacgcgaac 60

accctccgaa aggcccatat ccccaaaaaa ccgaatcgag tgcgaaaaaa tgatgtaaaa 120  
 cgggggaaat ctaaacctga aaggccccac acagcacagc cacaaaatgg aaaggtaggt 180  
 caatgtgtgg gcgcccgaag agagttcaag tgtgtcactc agtataccca attccgtctg 240  
 gaatcatttg gcaaaaatag cgtttataga cgtgtgaaaa acaatggaca tttgagctcc 300  
 aaaattaaaa gtatcctaac ctcaaaagag cttttacaca gtacgtgtcc gtgtgtgcgc 360  
 tagtgatgtc catacgtgtg tgcgactgaa agtggttgtg acttttagct gaagaagggg 420  
 gcgcgagggg cgatctagag gcaacgtgtt agtggaaaaa ctgcttttga aaaaagggga 480  
 aaatatcccc caaaaagccc gcccaaaaaa ggtcagttcg gaatcctgtc gatctcgctt 540  
 cgttgagatg tatccaattg gtaaagttat cactaagttc ttaagttgcc agaaaaacac 600  
 atgtaatttg gcgagaaagt aacacgtgtt caattcaaca caaaa 645

<210> 62  
 <211> 445  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 62  
 gtctgcccc a gcacctaacc gtaagtgtgt gcgtgcgaga gtcgtttcat ttgcattctt 60  
 gtttagcgca ctccctctct ctcttcgtgc gtttttcatt cataagcaca tttttactat 120  
 ttggaactgc aattttttac actaagcttg aggacagaca agaatactgt gaaaatccaa 180  
 tgtagatgaa agcaggccgt gctttttcca tcaaagtaat cgcaaaaagt cgagattaac 240  
 acaagttcaa aattattcgt taaattttag aacagaattt tgaaatgaac ataattcagg 300  
 tactgtgtca tccacatata aagaactttt attctaaaaa caaataatcg tccgatcggt 360  
 gtggtctgtc caataaaaaat tcacggcaaa ggcgttggtt aaaaatacat agacaaacga 420  
 gtcgggtaaa aaacaaatac atgat 445

<210> 63  
 <211> 531  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 63  
 gtccgtggac attgcataat ttctgcggcg gccgttaatg ttaattcctg cagcccgagt 60  
 ttccgagaat tacgcagaat aaagaccaga gagaaaacta taaaatcgaa aacagaaaaa 120  
 agtgccgcag cagcgaaatg caaaggcgca taataattaa acacacagcg acggaatgaa 180  
 gaaaaaataa tacacaataa gcgcagcttt gtttctagtt aaattgcgtt tgtgtgtgtc 240  
 ttgccgtttc ctccgttggtc cgtttttcgc ttgttggttct atgtgacata acggaactct 300  
 gggcaaaagc gaacaggaag cagcgataac cttgcaaaaa caaagaaaat accaaggagg 360

acaaaaaagc atgccaagca tatatctgtg aaataatatt ttcttttccg aggaaatgct 420  
 gtttgtcgtc ggctaactgt tgtttgcctt tgaattgcag atcttaatcg tagagcagca 480  
 ctcacaccag cacacgcccc ccgcaaaaaca gcacacacag cacactcaca a 531

<210> 64  
 <211> 421  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 64  
 cacgaaactt ctcgggctga aaatatcgca gagttctcga atttgccgca attacgcatt 60  
 atctgccatt gaaagtgaga gtatcgctat ggaaaatgag caatctccta ggggagtggg 120  
 aatgaaaagg cctggtggag tgataagtcg catcagcacc ggcaaattatt atgtgtatgt 180  
 atagatgtac gtatgtaagc acgtatgtat gtacatacat agcagatagg aagggtggag 240  
 tatattccac gaaggatgga agtaaatctg cgaaaacttc gagactgcag aacaagtctt 300  
 ctttttatgg cctggcattt aagctattaa ctttaattaa tatccaagaa tggggctctg 360  
 gtagtgggga aatctaatta aaatcataag tggttaatgc ccgggtaggt aataaccctg 420  
 g 421

<210> 65  
 <211> 882  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 65  
 cccgacacta aaacgcgtta agcgaccgca tgttccaaga acttggaataa tttccaagat 60  
 atgcagctga taaaacagct gatagcgctg ccaacttatc gcagtgggcg atcttgcat 120  
 caacggtgcg atcgggtgtg agttgcgacc gtttggcgcg aaattcaaat ttaaattttt 180  
 tatttaattt gttactatta ataataataa attaatacaa tacgtgacga tgacgatgg 240  
 gatgatcgctg cccaacggca gcagacccaa ttgtaaaaag ttgtaatggc agaagcataa 300  
 gtctaagtac agggctccac ctagcactgt ttcgcacttc tggggccccg tgatatttaa 360  
 aaaaatttta ctttattaac tcgatatttt tatgcattta attatcagga aagcatatta 420  
 acacgttctt ggatcagttt aattatttca ccgcacgcac tgatctttct tggatatactg 480  
 ggctcgtattg ttcatagaaa caatagctgt atgggaaatc ctcataaccg caaaaaatac 540  
 aatcagttca ataagtaatt ttctatttta ttatttatat atgtattaaa aaccgtccac 600  
 aaaatagctg cacgatattt tgcttaagat aaaaagaatt gggtgactta agtgtagata 660  
 caagtagatt gtacgatacg aacatttagt taggaggagc acaacattca cacacgggga 720

cagccacgga tttcggctta gaacaatgga aaaaagatgt ggtaagtggg aagcgccttt 780  
agcttgaaat atttatgtat aataagcaca cgagctataa ctaggaggaa ttgcacgttg 840  
cggatcgagt gtgagcagcg gggtacgact gcggcagggt ct 882

<210> 66  
<211> 569  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 66  
ccccggcgcg ttttacttcc atctcgctcc caciaaggcg gaagagttaa acacaaaaaa 60  
aaaagaaaaa tagaaaagaa attataaacg aaaaactgcc accgccgctg ctcaataatt 120  
tgtgcatttt ttaaggtaat ttaaagtga atggaatgtc ttgtttgcat aggttagggt 180  
taattagtcc ggaaagctaa gcgaaaccct gggaaatatt acatatcccc gggcgaattt 240  
cttttgtccc gttacttttc gattttcatg cgagcggttt ttgattgctg tcattttctg 300  
gcgacttggg ggtgctcgcc attgtttggg tttttgaaca tttgtaaatt tgcataaaaa 360  
gtcggatttt aagtgatttt ggtgtctttt gagcgggttt ttgcgcaggc agcgcagtcc 420  
gaaaatcact cagaatcgca ctcacatgcg cacacactta caattgtaat acacggacgc 480  
gcccccggtc gcgacagcta accggcactt tttcatgtcc tctcgcgcg tctctctcac 540  
tgctctctc tcttctttct ttttgatcc 569

<210> 67  
<211> 500  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 67  
aacagggccca aaaccagctg aaaactgggtg aaaagtaaaa catttgagga aggaaagcct 60  
taagttcttc tctacgcttc gtacacgtaa tgtgcgtggg ttaatctacg ttaaaacaag 120  
tggaaccat gttacgtgcc gtggctttgt gtgtgtcagt ggtgctcata gcactatata 180  
cgccaacttc tggggaatcc agtcagagct atcccattac cacgctaate aacgcgaat 240  
ggacgcagac gccctatat ctggaaatcg ccgagtatct ggccgatgag caggcgggccc 300  
tcttctggga ttacgtttcg ggggtgacaa agttggacac ggttctcaac gaatatggct 360  
tgtgtttata agtcatggga gaaccgcgat taaagagctt ttatattctc ctcaatgtga 420  
atcgaatcca tataaaatca agtaatgggt cggaatataa aatccctatt cccaaagccc 480  
tataacgggg acctttccca 500

<210> 68  
<211> 469

<212> DNA

<213> *Drosophila melanogaster*

<400> 68

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acccacacaa tattttcgac tttttcaatg aaatctcggt atgaccgcgg ccgcaacgcc      60
agtaaatacc aaacgagctc gcacggctgg tcacactgat cgaaggggtg catttcgctg      120
tgacgtcatc gttgacccat gtaaaatgcc gttacaaaat ggcgagcttt tgaaaaaatt      180
cgttacaaat ttattaaatt aaataaacta atttttaaaa taatttgaat attcattttg      240
ggaatatgtt tagaaataat agacttacag aatataatct attggtaacg attttctttt      300
tcacagtttt cctcctcgaa agggaagtat tttaaattgt tattacacat gggggaagtt      360
gctgcttggt taatgaaatt gtgttaaata tatataggga aatgctttta atctactttt      420
tgtaggaaac ctttcatgaa aatatgtgga atctcacgtt ttattaaat      469
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<210> 69

<211> 539

<212> DNA

<213> *Drosophila melanogaster*

<400> 69

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ggcagcgtca attactgttc tcatatcatc tccgagagca cggaaatcag tgatggcaag      60
tgagaggagc aaatctttgg cggatagcaa aaaccgctaa gtgtgtggca gtcaacgcta      120
cttttcttag tatagtactt agttatacct tttatcgtgc aattttttaa tgaggactat      180
gtttttccaa aatggatctg ctcaatataa tttgactatt tatcttttaa tccattttaa      240
cctagtttta aaaattttta aaaagtgttg ataatgtatc ttgatggata tctttcggat      300
atcctacact gagcgaaact aaaattgttt gataaagcgt cctcatatgc ctaccttaac      360
acagtgaaaa aagccaaagt gccatctctg ggagcatgcc ggtgtcgctc gcccgatttt      420
cgtttggggc tttcagtatt attctattcg cctgcgcccc aagttgtttt tttcggatcg      480
gcaaagcccc cgtgcgcccc atcgactct cgcacacaca catacgcact ccagaaaac      539
```

<210> 70

<211> 547

<212> DNA

<213> *Drosophila melanogaster*

<400> 70

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gacgtgctga gcgctgtaaa aagtcagatt cgtgttgaaa ttggaataat aagtttttta      60
ttttccgtgc gctggctgag ctggttgctt cgacaattcg aaaagcgatc gaaaggagca      120
accttgtagg ccaacagcca ggcgtaattt acgcaacgca caacactcac aaaatccaaa      180
attgcacggg ggggcaacaa taaaaacaga ggcagaacag aacacagcaa gaagagcgtg      240
gtgaagagga gcggcggaga aaggagaacg gtgaacaggg aacagggaga gagcagaaag      300
```

gagagtccga gaaacggagg aaacatcatg gcgaacatgg caagtgtcgc ggatcaagcg	360
gggagttcaa gggaggtgat gcgcagcgag ggaggggtgag tcccagagcac caaggcccga	420
aggacactca aacggcacct cggcaatgcc agcttgcacc accggccctg gtcattggtgc	480
agggggcggg ggaaggggtgt ccgcgaacgt tgggtggcggt ttttggcgcg cttatggctt	540
ccgtttc	547

<210> 71  
 <211> 563  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 71	
cacccgctga aaagccgaac aagtcttaaa cttagatgca attagtgccg aggcggacat	60
aaatcctcga catgggtgac aacgaacaga aggcgctcca actgatggcc gaggcggaga	120
agaagttgac ccagcagaag ggctttctgg gatcgctgtt cgggtgcgta tcaaatcaaa	180
gaagtttcgc aattttctgtg ggagtgggga aatggaagct gtgtctggtc tagcctagca	240
tctccacaac cccacaaggt actgagccct attccaagta gcacttgat gccaatcac	300
tatgcttact actttgtttt tatgtatata cccactcacc ataatacgta tacgcagttg	360
tggactctac gcctccacc agaaaggaga agaaaatagc gcaaaaagtg cgacttacag	420
aggataagtt tcagatatga agaacacaaa gtgtgcaaaa tgcgttaaaa aaatatcccc	480
tagtacataa tatatgtaca ctatgccatt cgtaccaggt ttcgatgaat catagtgcgc	540
aaaagtcaat cgtgtaaaat aaa	563

<210> 72  
 <211> 594  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 72	
gattgagtcg aatcctggcc gggaacttac actttaaacg gcgtaacgtc agggcaaaat	60
agaaattggc taatttcctt cgtttttttg caagcgcgtc gtcgatgata gagatgcaat	120
gctaaagatt gtcgagacga ctgccatatt cgattacgat aacgataaca gagttatgga	180
gatgacactg cgcggtatct ttatacttgt tacgttctctg cgatcatgatt ttagtatttt	240
gtggtttaca tcgatatatt tggggtttta aaaggatatat tttaacgggt gcagttgcgg	300
gcacactaaa gtgcataaac aaagtttact acttaattcg ttatcagtcg gaatgattcg	360
aaaccagttt acgcgccaat gaccggcttt ccattcttat ttgacgagcc taacgtgcc	420
gttgacagta agttcccaa ccgcaacgac ggtgggcagc cgtgattcat cctcaacgct	480



ttttttccaa ttgtgtatgc aaaatgtttt tgcacgtaac gagctgaact attgagtttg 540

ctaaatagtt taacaagcaa taatttggcc gacatgcagg ttgatggttg acca 594

<210> 73

<211> 583

<212> DNA

<213> *Drosophila melanogaster*

<400> 73

ggttagggta aaattaaagc cgaatattat caatccatt ccaaagttca attttgtgtc 60

ggaaccatag taaattaatt gttccttgct attaacaacg aaaaatgcat atttagctat 120

tgcagttgag acggcagcta ttgcttcttc accacgctgg gaagttgaga atcgcagaca 180

aataaatctt cctcctcctt cgtccggtcc gaccatcaac ttcgatttca atttcataca 240

tttcgtttgc gtgggacaag cgagcgacag cagtctctgg agttagcggg tttattttgt 300

ctcgatttgc tgctgctggt gattttgatg atgtgtttgc tgctgtttgt tgttctcgta 360

ggggtgattg actgactgac tgctgtggct gcacacctat gccacctgct cctgggtccgt 420

tcgaggcctc ttgggttttt catgacttcg ggtaagtctg ggtggtgccg agtaggggtg 480

tcattgtcca gtgtctcaaa gtcgcccacc tcgttcctta aagacagata gctatgttgt 540

actactacgc tgaactgtaa gcttgtaagc ggaacacgtg ccg 583

<210> 74

<211> 589

<212> DNA

<213> *Drosophila melanogaster*

<400> 74

gtccgtgcga gcacgcgcga gtgtgtgtgt gcgcaggaaa acccgccgat cgggaaaagt 60

gtagaaaaggc ttagcggcgc aaacaaaagg cagcgaatta gcgagataac acacacgcga 120

caacgactgc aacggatgcg ccaggagaaa ggccgacgac agtgacggca aaggcgagtg 180

cgagtgcgcc agcgcagcac caattcagcg gagcaccgcg ttttttggcc aagggtgaatg 240

cgattacctg tgcgcggcat ccagggtgtac gcagcatctg gtttatggcg cacggccgcc 300

aggtagccgg cggtcaggta gcacctccac cgctacctg tttctccacc gccttgagcc 360

gaatcttgta taaataactaa aagcgctcc ccttgatttg cagttcgctt ctggagcgca 420

caagcatgca acaactccgc caacaccaac acagggatgt gcgcaactag tttgatcgga 480

acaaggatcg cttgcccaca ccaacacaca gaaagtcagt ggaataggag aaacacactc 540

gccataaca taaacaccac acagcacgat gaacaccacc agacagctt 589

<210> 75

<211> 314

<212> DNA

<213> *Drosophila melanogaster*

<400> 75

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gtccagcctc gcactcttcc tccagggcgc acggtctcac agaactggtg gccggcggtc      60
acactggcgc gcagcaagat ggcttggtta caccaacgcc tatcgatata gaatagtgac      120
cgttttagact agccagattg tttgtggtat gagcacatat tttattataa tacataatag      180
cttataaactt atttatctag cttataaattt gtttacagca cccaatacac aatatatcgg      240
at ttggagcg gtggttatgc gatgcgattg tatagtggat cacggctatt ttaccatcga      300
catgtaaaga attc                                                                314
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<210> 76

<211> 591

<212> DNA

<213> *Drosophila melanogaster*

<400> 76

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atttaggccc tcgagaagga cgcacgcctt gcacggctgc tgtgaggaaa cgaagccaca      60
tcgggtgcat gtgccacgct cgggcttctt taccgtgtcc ttgaagcgaa gctgttcgcc      120
agagtagatg atgtccatta taaccgatgg tcgcactttc tccaaatcct tgagaaacgc      180
tcgagcgtgg ccgcgatacg cattggggggc gaatacgcac tccgttgaga agtagaccag      240
ctttttgtag tgggcgtaca tcacgatttc tttctcgtag ctgtacttga ggggcttcac      300
tcggggaatg gtatcctcgc ccccgccggt gcggatgctc gtgcagcgtc gcaggcgcgc      360
cgtgtcccca cggagcacgt tcatcaagac agtctccgca atgtcatctg cattgtggcc      420
tgtggctatg ctatcaacgc ccaacagctt ggccccctcta tccaaggcct gtcggcgaa      480
gacccgcaaa atgtgcagtt gttagacggg ccgatctggg caacaatgcg gtccatggtc      540
cagccgtaaa cttcttgtag gacaaggatc tttagtggca ttgggtaatc g                                                                591
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<210> 77

<211> 617

<212> DNA

<213> *Drosophila melanogaster*

<400> 77

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gcttagatta cgatctcaga actgagaacg tgggagagag agcgtgatag aggtaggatg      60
agggagtgga gccccgagag agactctctt ctcttgccca ccgatatcta atcaaaacaa      120
ataatgcttc agtccacggc ggctttactt gattcatata tttagttcta tactgcgagg      180
catgcagtac gcttgccgtg tgctgcgttt aaaaagtaat aagtaaattgt tctggataaa      240
aatttaatca aaagacaaat aagtgaaga acaagaaact caaaagatat aagcaacata      300
actcgaaatt cagtacgcct gagttggaaa acaccgaaac cgaaactcaa atcgaatcta      360
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catataaccg ataccataat gaagcacaaa cttctgttgt tggtagagtaa atatttcagc	420
catctaaaac agtatcccta tcttatcgca catactttgg gctcagatag tggggatcag	480
agagtgtttt ccgttaagct cttttctgaa tgtgcccag tggggagacc tttttatgaa	540
gccatcgatg accttcttcc ggacgggcag ttggcccaaa aaaaaaccac caaattagga	600
tgccatatag gtatcga	617

<210> 78  
 <211> 396  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 78	
gtacagaact acttcatgcg ctgggattaa cagcactcat tgcgcataac agcacgctgt	60
tagttttaac aggcgacaga ggtgcccacaa caaactcaac atttttgcat gcgcatacac	120
acaagcatgc atgtatgtat gtatgcgttt gtttgtatgt atgcctttct ctccgcatgt	180
tacaaaaagc aagaagtttt tggcaacgac aatgaatgaa aaattgaaat ggcgaattgc	240
aaatgcgaat tgcgcttacc tgcgtcgctg cctggccttc ctttcgcgac agtggcgagc	300
gaaatgcccc cgtccgcccgc actcgtagca cttatcgctc ccacgaccac cgccgactcg	360
gaccgcgtcc tccgagttct ttcaccacca accgcc	396

<210> 79  
 <211> 586  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 79	
agcgggcctt tctgcctctc tgtgtgcttt tgaaaaaagt ttgcttgaaa aatgtgtaaa	60
gaaagcggcg ccgccagtga gtgcgtgtgt gtgtttttat gtgtttgcaa atacaaaggt	120
aaaacagccc caaaggcaac aacaaagtgg cggcgttggc ggctatagcg cagtagcagc	180
gacgcagcgg agcagcagca gcgacgtcca gtgcattttg gtgcaaaacta attgttggtg	240
tgagaggtag gctatactcg tatgtgtatg tgtgcgagtg ggtgttagtt gcagggtgtgc	300
gtgcgatttg atttgcattt atgttggggg tttgttttca tcttttcatc aagtaataata	360
aactaaataa atgaactatg tgtggaaatc atttaataata tatataaata aaattagaaa	420
gtataatatg aacatgaaag ttaaagttaa aatccgtagg aaatcaacaa aattgggtgaa	480
tattaaaatt aaacaaattt tccgaaaaac cgccacacaa ttccagcaaa agccaaagta	540
aaacttaaaa atcatattta ataaacagca ttaggggact ggttgg	586

<210> 80  
 <211> 646  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 80  
 gtacaggtgt ttttcgaata gccggcactt tgatccaagc tgttattgcc atctccttca 60  
 aagttgccta tcgatagggt tctcaactag tccacgtctt ctacttgccg tttttctttt 120  
 tgtaaaataa gaatgacgct ttaatgttgt gttaaaccatg caattaccta gagcgacta 180  
 actagtatag catcagttag gtcaattgtt acctgtaggt gtaaagttca agccgcctga 240  
 tgtggataac cggtcagttt gttttttttt tgctggtggc acttgttgcc gcaaaatcga 300  
 aaacctcggc ggtgcaggat gacatcgccg agtataagga cttcaagaag ctgctgcgca 360  
 ccaagaacaa tgtcctcgcg ctctacgtga ccagtgcgaa atccgctgct gctgagctaa 420  
 agatattccg tgaggcggcg gaggcgatac ggggaaccgg gacaatgttg ctgctagatt 480  
 gcggacagca ggatcgcaag aaactgtgca agaagttgaa ggtatcgccg gacccctacg 540  
 ccattaaaca ctacaaggat ggcgacttcc acaaggacta cgaccggcag ctgagcgctg 600  
 ctcatgaca ctttcatgcc gtgacctcc ggccaattgc ctggga 646

<210> 81  
 <211> 655  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 81  
 gttccgtgct ttcaacattt tccgcaatcc gttgaaaccg gcaaaggcaa actgattaca 60  
 tgaaatcata tgtttctgcc ggaatatcga taacggactc tgtcttttgg cgccgcaggt 120  
 tatcggagtt taaattgtga taaggatgca aagaaagttg gttcttagat gttacaatca 180  
 atttcacaac ccaatctttg cattgttgag ttaggatcat cctctagcct tacatctttt 240  
 gccatttagt tacatcatgc aattgttcat atcttcaacc aaatccatat agaacagatc 300  
 ccctgtttat atattttttt atacgtacag agttgtaact aaatcctctg agattctgtg 360  
 gaatggctta ttgctagcgc taaatataaa caggaaaatg gggtcattca ccagaattt 420  
 ccatcgaaat tgaggctgag acccattctc ccttccccac cagaatttgt ttaggaacct 480  
 ccgtgcatcc actattacgt cgctttattt gtagacaact tttgaaatca agagtgttaa 540  
 gtacattagg cgggctgaag tggttatccg taatggatac ggctactact attggttaca 600  
 gcgatctaaa aactacaggc acgcctaaa tagcgaacgt atggatcaatg aattc 655

<210> 82  
 <211> 601  
 <212> DNA

<213> *Drosophila melanogaster*

<400> 82

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ttttgaaaca tattcagtca ttggcaatgg agttggtgaa acgcggggttc ctgcgtgcgt      60
gcaagaacca cagctacctc agcttcgagc tgatcgatga ttccttgcc ccgctatgtg      120
ccaaccacaa gactacaaag cccggcagca aggaggcgat tagggcactg gtggcggaga      180
ttaatgacac catcagcgac ttgggccagt tgctggtctt catcaagtat ccggtcaagg      240
ccgaggagta cctggtttac gccaaagacgg acgctacgcc ggacagcgtg gccaacaccg      300
ggctcactgc cgaggagtgt cagtactttt cgaaactgct ggacaagatc gcctccgagg      360
aggactgcca catcgcttgg aatgacgcct acaatgatat cgtcctacag gccagctcga      420
agccgttgaa gaagagccgc atgcaggagc tgctccagaa gtggatccaa atgggctact      480
tcatggaggt gaccgacaga atctacctag gtccacgtag cctcgtcgag ctcaagttct      540
atctgagctt gaaccacgcc gatacataaa aaatgcacgc ttgtgcaagt gcctggtggt      600
g                                                                           601
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<210> 83

<211> 543

<212> DNA

<213> *Drosophila melanogaster*

<400> 83

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ggtcgggtct tcaatgtcac caatcactat cagttaaacc gtcgagtgga tcacttcaac      60
atgcccagtt tcaaggataa agttataatc gtgaccggag ccagttcggg aattggagcg      120
ggacttccgg tgctcttggc taaactggga ggcttgcctc ccatcgtggg caggaatttg      180
gataagctca acgagaccgc ggagcagata gtggcagctg gaggagcgcc agcactccag      240
gtggcggcgg acataaacag cgagtcggac gtccagggca tcgtatccgc cacattggcc      300
aagcacggtc gcatccgacg tgctggtgaa caacgccgga atcttgagc taggcagcat      360
cgaggacacc agtctggagc agtttgaccc gcgttatgaa caccacacgt ccggtcgctc      420
taccagctga cccacctggt cacaccggag ctaatcaaga ccaagggcaa cattgtaaac      480
gtgtcttagt gtgaacggca ttccgttctt ttccggggag tcttacatac aatggttcag      540
tgc                                                                           543
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<210> 84

<211> 162

<212> DNA

<213> *Drosophila melanogaster*

<400> 84

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tatccgcca aatgaagaga agctactctg tatttttgtg ctctttgtgc ccgcctcttc      60
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aagtcgcttc acgtcgaggg aagtcagcag ttcagtcaca tttagacatc cgcgcggtta 120

acccgctttc ggcggtataa cgagattttt tatttogaat tc 162

<210> 85

<211> 526

<212> DNA

<213> *Drosophila melanogaster*

<400> 85

gcttggcgca ttgcggcccc taatttagct actctcgaat tttaaaaagc ctaaatttgc 60

ttttttgctc ggtggatagt gtgaccgttc ggataacgat taaaaatacc gtacggctga 120

tgattaagta taccactagg taaaatgcgt taaaataaccg cataaattaa taccgttaaa 180

ttaacgaaca ttattatttt tttaaagtat aattttttta aattcatttg tctatattta 240

ttcctttaac actaaacgtg aagaaaattg tgtactttga aacggacggt gcagaacagc 300

agtagcttat aaaaatgcaa tgtttcccggt taccctaacg gaacagataa tgtttaaagt 360

ttaaaatttt taattctaatt tcttctttta atggagtata tttcctgtat gggatctctt 420

accttaagct aggaccttag agcagaccga aggcggcaat tggggggccc gccttgggca 480

gtacaacacc ttgccggcac cagccaact tcgtaattgg agttcc 526

<210> 86

<211> 568

<212> DNA

<213> *Drosophila melanogaster*

<400> 86

gtctgtttca tggcgcacag ccagttttcc gctctatcca tgtggcctca atggcgtaaa 60

tgtagtcggc tggtttttct ttccaccagt tttttcttgc gaccgggtat ttaaggtgta 120

tctaaaatacc gttgaaggcg attgcatatt caaaagctat tacttccctt attaaaatac 180

atacgtgcat acatattatg tattaatttg ccgctcgtaa agtaaaagac gactcgctca 240

cttatcaact gttggtgcct ttatttacgt aactcagagc accaagcagt tgattcctcg 300

catgaagcgc tctccttgaa ctaaaactag ttgtcattca ttttgatagt gttggttggt 360

ctatgtttga gtgccttaga gcttatgctt ctgatctttc ttttgccatt ttagctattt 420

tccctgagat tttgtgattc cctatgtcta tgtattcgtg catttacgcc aaaagtgggc 480

ataagaaaaa atttaaaatc aagctttcgt attagcaata agtgccatgt ggacgtactg 540

gacttggaac acacagtctc ttcatttt 568

<210> 87

<211> 675

<212> DNA

<213> *Drosophila melanogaster*

<400> 87

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gtccagcacc agtttttttg gcgtgtagct gtagcagaag caaaaggaag ccgcttgtga      60
taaatttcaa cttccatcag caagcactga atttgaggaa atcaggtaaa tttttgcatt      120
tctacgcgat tagttgctgc cccgcggtat tgtgcttagt ttttacgtgt ggtttaccaa      180
tttccgcgta ctttaattgga catthttgcct cgtttttttt cgtacagcac gcccggcatt      240
cgacgctccg caaaagaaaa aaaaaacttt tttgaccact tagcagcttc aacaagcaac      300
caaaaaatca acatgtctga cgaaaagaag ggaggtgaga ccgagcacat caacctgaag      360
gtcctcggcc aggacaacgc cgtcgtccag ttcaagatca agaagcacac acccttgagg      420
aagctgatga acgcctactg cgaccgtgcc ggactctcat gcaggtggtg cgcttccggt      480
tcgacggaca gcccatcaac gagaacgaca ctccgacctc gctggagatg gaggagggcg      540
acaccatcga gggtaccagc agcagactgg gtggcgctcc ataagaatac ttagttaagt      600
tagttacttc tcttacaact accccttaaa acgaaaagaa aaaattcccg aaaaccccaa      660
agcaaaacac accac                                                    675
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<210> 88

<211> 210

<212> DNA

<213> *Drosophila melanogaster*

<400> 88

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caacggcgga tccttaatac gaactaacgc gcacacgact ctacgctttt taccgctatt      60
tcggctacac agcggtttct gttttcgttt tgcaataata ttctattctg aaagcgcaga      120
tgcagcggac aaggagaatg tggatgatta ctgttaggcc agtgatctcg aacttgcttc      180
caaatcggat tcgaagtgct aaccgaattc                                                    210
```

<210> 89

<211> 590

<212> DNA

<213> *Drosophila melanogaster*

<400> 89

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ggctgtgcga gccaacagtt gtccgcgaag ctttcgacga gctggaacag atagagattt      60
gatcgcgaga aaggcgtagt agcactgggt tagacttaga agcgtccaat ttgcacagcg      120
ttaattatca gcgccagaga caagatggcc aatctggctc ccaccatccg gctgaacaac      180
gggcgcgaga tgccaactct gggccttggc acctggaagt cgttcgagtc ggacgcctac      240
cactcaacgc gccacgcctt cgacgtgggc taccggcacc tggacaccgc cttcgtctac      300
gagaacgagg ctgaggtggg ccaggcgatc tccgagaaga tcgccgaggg agtggtcaca      360
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cgcgaggagg ttttcgtgac caccaagcta ggcggaatcc accacgaccc tgcattggtg 420  
gagcgcgccct gccgcctgag ccttagcaac ctgggttttg aatacgtaga cctctacctg 480  
atgcacatgc cgggtgggcca gaagtccac aatgacagca acgtgcacgg aaccctggac 540  
tgacggacgt ggactatctg gacacctgcg cgagatggag aagctggtgg 590

<210> 90  
<211> 478  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 90  
gttcagtcac tctcgccgta aaacaaaagg aaaacatcgc ataaactcat tttttgcctt 60  
aaaaaccgta caattgcaat cgaataagat gccggactac ctgggcgacg accagcgcaa 120  
ggtgaagcac gatgagaagg aggacaagga gatcaagtcc ctcgacgaag gcgacattga 180  
gcttctaaag acttatgggc agagccagta tcacaaatcc atcaagagca tcgaggagga 240  
cattcaaaag gctgtgaagc aggtgaacga gctgactgga atcaaggaaa gcgacacggg 300  
tctggcgcca ccagcgctct gggatttggc cgccgacaag cagatcctgc aaaacgagca 360  
accgctgcag gttgcccgat gcaccaagat catcaacgcg gattccgacg accccaagta 420  
tatcatcaat gttaagcagt tcgccaagtt cgtggtggac ctactgactc ggggtggcc 478

<210> 91  
<211> 574  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 91  
ctctgaacag ttcttagact attgaagcca agccatcgat tgtgccccgg catatcgata 60  
ctaccaacat ggccgtcgag aaaaattgaa gtgaacgcaa cgccgtgttt ttcatttgcc 120  
aataaaacgt taacagctca cgaaatatcg taaagcgtgc ccgcaaacgt cgccaaatgt 180  
aagcaaatta ttttagtgcc tgttttacat cgtttacata attgccagag ctgaaattcg 240  
gaatttagtt gctgccgtcg ggagtatcgc caacttttgc ctcacactct ctctctgtct 300  
cgctctgcat tcctctctg ctgacaaggc aaatatattg gtgctggtgt gagtgtatgt 360  
gtgaaaaatg gaagaaattc aaaatgcata tgtgaaaaga tatacgcgca agccgattaa 420  
aaatcggtct tctcgcacga ttttgattgg gaccacaggt ccccgacccc cgcggcgtga 480  
atgggttaaa tgacagccgg agcgcgtccg cgattctctc tgcgttttca ggtctctcgc 540  
tctattccat tctgataact ccgctcctga attg 574

<210> 92  
<211> 169



<212> DNA  
<213> *Drosophila melanogaster*

<400> 92  
ggttgtgtcg tcgaacgtga aactacgcgt ctccgcgaat gacgcagact ggaagcttcc 60  
actggcatga caatcgtcta aaaacattca acaatagcgg tgcacttgca aattactggt 120  
gccgcaacaa caataacaac tgcttcgcta agcagtagct gcgaccaca 169

<210> 93  
<211> 414  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 93  
agctgaatga taaacgaacg attttattaa accgtcacct tggttatcct caccctgaca 60  
gcgcccttgg gcgaatggca aacagctgac gccatatccg cggacgcgaa tggcacattg 120  
ctagtctctgt tttcttgctt cgcggttctgt gtttatcaaa cgccttttgg ctaatgggtcc 180  
gcagtcggtt ggcgttatca cgggaattgac gaggccgatg cgtcacatgt gcgtgggctg 240  
catccggaca ccatgaacta ctcgactacc gcgctgtcgc ccggcggtag cggaggattc 300  
ggtggcggtt accagcacia ccgatgttgc ggaaacaagg cctggtgcgt caaggacatc 360  
tgccggcattg tgtgcgtgat catgacctgg ctgcttatcc tgttcgccga attc 414

<210> 94  
<211> 354  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 94  
gtttgtcccg tttgctcgag cacttggtcc caacgtaagt ctgaaaagac ttattttccg 60  
agataataaa tcgccgtggc tgcgcattat gttaaagtga gtggttccgt gccgatttcg 120  
ctgcgttggg gccgttccaa acatatggaa tctaaacgca gcgtatttca ctctgcccg 180  
tgtgtgtctg tgtgtgttta tgggtgtagt ggggcttccg tgtcgcaagt ggaaaacaaa 240  
tgaaattgag ttctcgcttt gagtcatatt cgagtgcgaa ataaagcgcg ttatgcgttg 300  
tccatcgaat tacccttaa tttgattacc agctaatttg gtacccccca agac 354

<210> 95  
<211> 48  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 95  
gtccgtcgac tacttgtgcc atttgttttg aatattccga gcgaattc 48

<210> 96  
 <211> 577  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 96  
 gacacagctt ttgagtgctt ttatttcggt tttgttggtt ctctgctgt acttgacagt 60  
 ttagctctca attgttgctg ttgttggtgt gtgcgaggtc atcgacgcgc attagccgaa 120  
 aaaatcgata ttaaacactg gtcgcactag ataaaattgg ttaatgggtt agcttatggt 180  
 tgtcgattga caacgacaat gacaaataac tacagaaact ggagtttttc aacgcacaaa 240  
 cgcataatac aattcaataa ccgggcccgc aatcgaaaaa ctttccgctg acttgacgc 300  
 acgttggtgc gcgagacgca atttttccaa atgggagctg caccgatgtg atttttggag 360  
 cccaccgaag cggcgtctgc tctcgtcttc tttatctttt tcttttctcc ctttctttcg 420  
 ctctgtgcgc tctctctttg cgcagactct ttatcgcttg aagtttttaa ttcggattcc 480  
 tttgcattaa ttatccaata gccggcttat atgccgtctt aagaggtctt ggatgatgtt 540  
 tcttcggggg gaagtgtgaa tggggccgtg taacaag 577

<210> 97  
 <211> 582  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 97  
 ctttggtggt ggcaccgctg ccgataggtc gtgacgctga ggtgacagct atcgtgcact 60  
 tagacagctg gagatgacag gctaaggcaa ctcaactatc ggctgctttg gctctaaaat 120  
 gaactagtaa aaaaaaacg aagaaataat atattcaagt tatgaattta atagataaca 180  
 ataatagata aaatattaat tctacaaaat gaattgttta aatcaatttg aatgaatcct 240  
 attaataata ttggctatta ttaaaactcc gataataaat gctattattc ttgatttccc 300  
 ttgatttaat tatataatac atacttaata actatataat tatatagaat aaaaacttaa 360  
 tcacgcattt aatagatcat atagatatag aatatataga aatcaatga aatcgatttt 420  
 gatagcgata atgtgcaacc ttgcatgtaa gttattttta gatttttagct gggcaagcgc 480  
 aattttcttg gcgcgcacca aacaatttgt aaataatatt tttgctcaac tggatttggt 540  
 tcgactgcga atcactaaaa atattaagtg acttaagccc cg 582

<210> 98  
 <211> 297  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 98  
 gtccagggtca tggcaacaca accgctgttc accgatcagt ttttattggt tttcaggaat 60

aagtaaattg gattattgaa ggcttcactt ggcacgtatt agcttggatt tctatacgct	120
caagctgcgc agtcttcacg ttgtgttatg agacccaaat agatcgaagt gcgtgtgtgt	180
gttattaccc aaaggagttg tgttctttaa acttcgaacg ccaccgacat catcatgttt	240
ttcatctcac cgaattataa atagttgtgt gtcgtttggt ggtgccataa tgaattc	297

<210> 99  
 <211> 583  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 99	
ctggtgaata aaattcgcgt cttgtggaaa gtgaccagag tcacgaactg ggaaaacggt	60
agaacggtaa actagttcca ttctacgatg attatgatgc gatacatcga actgctttgt	120
tacatatcgc ttaaaatcgt gtcaatagaa aataaacggt ggatggcatt taaaaaatcg	180
gatttgaagc aaaaaaattt aatgatttca ttcgtttata tcatcaaagc cagaaaatag	240
atgaccttac aaattaatct aatagcaata ccgatatatc gtgaccaccc tcacacgtga	300
cagctgtgaa catctgttgc acgaatcacc cactgctttc attcgtcgtc atgcgtcatt	360
cagtcgaacc gtgctgtgac aaattacgca atgtctaaca actgatgtaa aacaagcaat	420
ttaccaaaaca gttggccaaa ttccgtgtgt acacacactc cgatcgaccc agcgaggcac	480
tttaaccagc tcctgaccac ttcgagatgc tgcgcaaaac ggcaacgatg ggaatcatgg	540
cggcggttgc cgttaaagcg gctcccgagc cccagaacca gct	583

<210> 100  
 <211> 675  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 100	
gtcacactgg caatttggtg cccgaagttg aattgccgtt ttgtgaagcg gatagttacc	60
tgccgataat cttaaataaa aatgtttaaa ctggcccgta tgctcctgcc gcagcagcgg	120
atcctggcca gcccgtgcg cctgcaacgc ctgatctcta ccagcgacga ggtcaacgca	180
gagcccatca tcaagtccat ggacaccatt ggcggcctcc ccaccgaact ggtcaacgaa	240
cagaagctga agaagactag caggtaatca atctaccggt ttctgcactt gacctttgcc	300
ttgcctgttt gttttgttta catttcgacc ggtatgggca tgggcatggg atgcatgtat	360
cggaggcctg ttttgggcgt gatcttcgaa aaggagtttc ggggtctttt tttcttgatt	420
tcaagtgggg gagaaagttt gtatcgagcc gcttatgcag tcacgtagac catagatgcg	480
tgcattgtgt tgtgtatgta tttgtgctg cctgggtggg tcagttatgg gctctattgg	540

tcttgacttt tggtttgtcc acagaacctt atcgacgctt caaaatcctt cggttcccat 600  
 tgccgttcgc gtcacggtgt cgaaagatga aagtccgact ttatggccgg ttccaggtga 660  
 aaattgggta ttatg 675

<210> 101  
 <211> 395  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 101  
 ggtcaacgta aaggccggag agcacaaatc cgccgagttt ctcaagttga atgcgcagca 60  
 cacgatcccc gtgctcgatg ataacggcac catcgtgagc gattcgcaca ttatctgcag 120  
 ctatctggca gataagtacg caccggaggg cgatgattcc ctgtatccaa aggatccgga 180  
 gaagcggcgc ctggtggatg cccgtttgta ctacgattgc ggtcatctat tcccgcgaat 240  
 ccgtttcatt gtcgagccgg tgatctatctt cggagctggc cgaggtgccc agcgattcga 300  
 gtggcctacc ttcagaaggc ctatgatggc ttggagcact gtctggctga aggtgattac 360  
 tttgggtggg cgacaagctg accatcgggc gatct 395

<210> 102  
 <211> 58  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 102  
 gggcggagac tcgcgacagg ctgccaaagc gattccggat cattttcata gagaattc 58

<210> 103  
 <211> 621  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 103  
 gtccgtccct accagcaacg cgaaagggtt ttgtcttgct ttcttggtgc tttgtgtgat 60  
 tctcgagtct ctgttctgcg tctgcgtccc gttctcgtgc caacgaactg atttcgcccc 120  
 gcgttcgtgc tcaatcgtaa attcgaaata aattaaaaat gtctcgcagt tcgtacctgt 180  
 tgtgtgtgct gtttttaggt gagcgaaaga gagggagaag aaatgaagaa atcgtctcgc 240  
 gatcagattt tacggatacg catctcgta ttgcaggcgc cagctgcttg attttcagtg 300  
 cgagtgcagc gcggaacaat cgaaggggtt acaaggccac ggagccgccc accaccaccc 360  
 agcccccgca gacggccaag gagtatctgg acagtcgacc cggaatctcc acattcggca 420  
 tcatcgccat catcttcacc gtaatcggtc tctgcctcgt cttctactac ggcataattt 480  
 gctacccctt actctgtcgc gatgagaaga aatatcgggt tatggaccgt atcttcaacc 540

attactgccg cacattgccc ttcatTTaat ccatagagaa ctattccgac ccgaacacca 600  
tcatacgttg gcctgattcg g 621

<210> 104  
<211> 534  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 104  
gggtgcgcct tggcgtgggt gtgcgtgtgc gccgatgtgt gtgcacgcgc ccggtgtgac 60  
gatgtgcagt ttttgcaatt aaatttataa acaaaacact ctttttcctt caatataatt 120  
cacagacaca gacaccactg aacaaattcc ttagtggttcg tgcttctcgt tctctgacgc 180  
catcttgtgt gtgcgcaggc cagggttgtc gaggtgccgc aactgtctaa catgggcggt 240  
cggagggtggc aacgctgtta gggctaacta atagtgtgac ccaatcgctt ggtattgtta 300  
aattttccct caacggtcac gctttgcata acaattcaca ttttctgatt gaagaatcct 360  
tattttatgc caaaacttgt attagatata taaaatatcg agatgtctct atcgccagcc 420  
agtggcattg gtcgtttcta tgccaagtcg gcaaaaatca tacgtttcgt acgcctggga 480  
tgcaccaatc ggctttttta tcacattgtc gtcattggagg tgccgtactt tttta 534

<210> 105  
<211> 593  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 105  
acccatcctt aacatacaaa tattatcgag aaacttatcg actaatcgac tcgccactct 60  
gcagagagcg cggcagtcag tcgctgttga accaagctaa aggacagatc aaaaataaaa 120  
gagacacgtg aaattgtatt agaataataa cttctgtaaa cggcgggctaa aatctcagaa 180  
gtgggattaa taatccaaaa tggacgataa aatcatcctg aacgactttt cgctgacaac 240  
cctaaaagat tggctacgta ttctgggcca aaatacggag ggcacaaaaa ccgaattaat 300  
cgcgaggctg caagacatcc caacggcagt tcggggcgat tgtccaccgg agcaccacca 360  
gaaaaacgct ccaccaggaa acgacatttt ttcttctactg ggattttcag aattgtgaaa 420  
ttaacaccga tcacgtaaag tgtgaatggc gatgaacaga aaagaatcaa ccgaactggg 480  
cagtgaagg gagacaaaca tgttcgagct acagcaacta cgcgagact agcagaagcg 540  
aaggcatgct taacggacac gatcgacttt gcagttccag aaccaccacc acc 593

<210> 106  
<211> 332  
<212> DNA

<213> Drosophila melanogaster

<400> 106

attgcgtgcc tggaaatcga acgtgtgtga atttaattta cgattcgtat aattatcagc	60
aagagcaaac aatataagtt gcaaacgacc gttaagccct atgacactaa gatccaaagt	120
aagtggctac caccgaactg ttccatttgc atttgaaacc agtttccagc gattcgagtg	180
catgaaattg tccaaaaaag tgcaacggtc gagttcaaca aaccgatcga ttgagataac	240
accgcaaata tatagcagtg aaactcgcaa ataaatacct acatattctt ctgataagtt	300
caagaacagg ctagccattg gttaccgggt ag	332

<210> 107

<211> 475

<212> DNA

<213> Drosophila melanogaster

<400> 107

ggatatagtt atacgcgact tcactgctcg ccgcggcacc tttccacctg cccgcaacgg	60
tcactttggt gttgtcaatc gtttcgttcg catcgcgtcg cggaaaatcg agatataaat	120
acggaaaaca aagatataac tccgacgcgg cgacttccgc agcaagcaac tgcaatgcgc	180
tcgagttgag ggcgcgccga taactatgtg cgtgtgggag cgagtgcgag tatagcacac	240
aagtgatcac catcagcaat tagcaagtga ccaaccgacc gaccaatgag cacggggcat	300
tggcagcagc agcagcagca cggagggagc agcagcacct gggaaactgag cgcggattgg	360
aaggcgtgct ccctgcttgg cccgcagacc cgtcgaacgt cgataccggc aggacacgcg	420
ctaagcagcg actcacttga acgggaagcg ggcgcgcagc ccggatgtcg ccagg	475

<210> 108

<211> 36

<212> DNA

<213> Drosophila melanogaster

<400> 108

cggctgcccc tggattttct ttttgtttcc gaattc	36
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<210> 109

<211> 614

<212> DNA

<213> Drosophila melanogaster

<400> 109

gactgcaccg cgctggtggc atgtgcaata gtacacgacg ctctgtgaaat caattcgttt	60
gtgtattaaa agggcaagat ctagctggta agtcgagtgc actcgaatgc accattgaaa	120
taaccaatag gggaagagac aggaagtga tagaatcgggt aaatgatcag ataaaagacc	180
gcaaagttta ggttatgtgc gagccgctag acaaggagtg tttctctgtc cccggaaata	240

tttgtggaca tatggctatt ggaggaggag actgggtgac tgaactgcag tccggaagac	300
aatgtcactt attcgcaa at ggggcacttc atcagccaag tgctatztat aaaaccatga	360
cgcaacgcac acaatactcc tccttttttcg cctgttgctc gcttatcgaa actgtgtggt	420
ctacgttctg gttttgtgac cctcttgtaa aatatacaac ccttccttct tacagccgtt	480
tttgtgcatt ccaagatggt cgaggacaaa gagcaagtgg ccacgggaag caggtcttca	540
agaagggacc caaaagctgg ccaaggccgt taagtgagaa tctttgtttg gggacctggc	600
gttttgggtt tctt	614

<210> 110  
 <211> 636  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 110	
caagagacca ttcacttttt tcgttttgaa gcaacaaatt tgaaaagaga aaactttatg	60
tttttccgc gggcttggtt gttttttttt tctcgtctc cgtcgaattg actctacatt	120
ttgatgtgat cttattatta ggtgaatcag ctgtcttcaa aagaacagtt ttaatttaaa	180
aaaaaatccc tcaattccaa ttcaaatttc atttagaaca caacgaagat atttctcttc	240
ttgtacgaac aaaatgctct cttaactcaa gttggaacgg ccgttccggc aacatttaag	300
ttggcaacat tgttgcatgc tgcattgatt tgagcacaag agtgtcattt acgattagca	360
actcgcggcg aacggacgtg tgtaaaaaat agccggggag aaaaaacgaa gtgcgattgc	420
cgaagaaaaa cagagagatt tcaaataata aagaaatgca aatgaaacag aagaaaataa	480
aaataaagca aagtgccgtg agttccatct cctcagtggg gtgaaatttc cagcagagtc	540
taacggcgat ttgcgaatgc cgctcaagaa gtgcgaaacc aaaacggggc ccggttaaat	600
attctcaagc gaaaatcatg gcttttttga taccgc	636

<210> 111  
 <211> 342  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 111	
aactcaccca tagtactcgg cgaactcctc cattgctgac atgcgaatcg attagattaa	60
attcaattaa taatgtaccg ctcatcaatt tgcggccgct ttccgtgctt cacataacca	120
ttctgccgca aaccatgtgt tttgggcata aaatcacttt tccacgcaac acaggcacat	180
tgccagtgca gctgccgctc tctgcattct gtcatttgcc atgaccgcag gcaaaagggg	240
gaagcacctc gttgaacat tttaaataag tgttgcgtgca agcccaactt gaaacctcta	300

tttagacacc taaaaatata ttggatttta aaactttgaa aa

342

<210> 112

<211> 575

<212> DNA

<213> *Drosophila melanogaster*

<400> 112

caacgaacgt ttccaccac aatgaaaaca aaacgtgcaa ccggccaacg aaatgccgcc	60
aaagtcaagc agcaagaaaa accaggttac ttggtaccac tgcgagtcct gcggcggtcca	120
cattccctcg aaagcgagag ataaccacga gggcttatgc tccgccatca gccaggatga	180
tgttggggccc gattccgagg cggagtagct tgcgagtgga gcaatctata cgagaagtct	240
tcaacagcgt aatttcgagg tggagtctct gaaggatctg cccaccaagt atgccaatat	300
gctagtcttc gtctccgagg gtgcgatgca attggcacag ctacacattg gacaacatgg	360
tggtgctgga agctccatcg acggcggagc agccgctggt tagggattgt atggcccaca	420
tcagagcaat tcctcaccac agtatttgtc agcgaagggg gtattgtgtt tcacactata	480
aaaaccgctc tcaacaataa atgatcatac ttttaaacag atttcaaact tcattgcacg	540
caacttcagg aagctactca agactctgct tgcac	575

<210> 113

<211> 299

<212> DNA

<213> *Drosophila melanogaster*

<400> 113

ggacagtatg tgcgagaacg aaaatttcag cacatcgcta gcgcagcagc cttgttgttg	60
ttcgtctgtc tctgtcctac aagcgtttct ttttgtttgc tgagaattaa acaaaagcga	120
tttgttcgcy ggcaatgcga atgcatttgc aaagcagggc acaaagcatc ggctgtttcg	180
actgtgattg caciaagcca tgtagtagag gtcgagctgg cgattcgcaa ttatccacag	240
gcgacgcaac acggtgctaa aaattgcgta gccaattaat ctcgaaatcc ttcgaattc	299

<210> 114

<211> 581

<212> DNA

<213> *Drosophila melanogaster*

<400> 114

atccaatggc tttctgccgc gcttttttac agctgatgcy agcttttgcg taaagctttt	60
ggccaactat cgttcaatcy gaatccgaat gtgtgttaaa tcaatactgc ggcgccaga	120
taatgataca gatatgaaac ttgggatccg gaatactgga cacaaaacag aacgtaatcc	180
gcacagctgc gtgctggacg cactatttga gtgactcaaa accgattcgt ttttcgtttt	240



gattcgatcc aatccaatcc aaccggatcc gagtagaatc gtgaccatgt ttacctttgc	300
gcctcagcaa cagactgaat gcgaaacaca gaaaagccga agtcgcccga tttccgacca	360
gcgagaattg gaatgagtat gccaatggca atgcgaacgg aacgatttta gcggcggccg	420
taatggcatg tgaaaatgat tacatcagag tttgagtcac ttttccgca cactcgccgt	480
cgttttgccg ctacccgcat ccgcactcgg gcaaggcaaa tcggttattg agctcaccta	540
gtgctctgga tgctatctga tccgattccg aatccgaatt c	581

<210> 115  
 <211> 632  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 115	
gccacgtctc ttctccgcca cctcggctag agttgccaac gatttggatt aatcgattca	60
tcattgtcgc acaatgctca ctcgataaag ttcactatcc aggtgatttg aactaagtta	120
aatgttaata tgttttaccc aaaaacacca tttttggtga acccgttgct ggaagccgat	180
atccttaaag tgaatgtatg tactttcaat gtgcacaaat acgtatttac aacaaaaact	240
ggcttgcaaa ttttattaac tgtaattcc tggttttgtc aagtctgctg cacttgctcc	300
gctgttgtaa tggctgtgcc ttactcccaa agtcaccact tacagggtga acactcttag	360
gtgttccgtt gacgactttc ggaaaaagtt agaagaaaaa ctcgccattc gctacggtgt	420
aaaatctcca aggatttact gcttgccaaa cctacccgag atgttggtgca ttgatccgct	480
ggactcacag ctcaccaaag ctgtggccga ctccgactca aggaggttaag tggttgacac	540
taactgcgga gctgcactac tgcgaggcgc ccacatatac gccccgggtg tttactatgg	600
agtcaaacct gaccgggagg aactcgcaat gt	632

<210> 116  
 <211> 243  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 116	
ggttgccgta cctgcgacag ctaacggtga agccgatagt ctgcattatt gctccaacag	60
aagtacggtc actctacaag taggcaacga attttgtttg tcatcgccat ttcgattca	120
acgtttccaa ttgtttttta aggagcttta agaatggctt tagctgaaat ctgcaagata	180
tcgaatgctc cgtacatgcg gcccaatgcc tgggtcatcg cggatgtgga ggaagagcaa	240
aaa	243

<210> 117  
 <211> 445

<212> DNA  
<213> *Drosophila melanogaster*

<400> 117  
gtttgtagtt tcagttcact ttctcggttg tttttagtagc ctcttgcggt ctccttggtt 60  
ccttacttat gcatttttctg ttctcctttg tttccattaa acccccaccg aagtaagcga 120  
atccagcgcg atgttggtga aatcgctgat tgcgttggtg gtcattgggg ctgccgtggc 180  
ggaacaaaacg cccgtctttt tgtggggagc caacagggtg gtgagcgctt gcaccagttg 240  
aatgtgagtg taacgagtg cttcctcctt ttttcacagt gtggcgaaac cctccctgaa 300  
gacggtgtcc caagtggagt ttgccgagca gttggcttca ttgctggaag atcacatggt 360  
cgtggccttc gaggaaaatg gcgtaagtgc ttgagcaccc acttagatag ctagggcttg 420  
tgacacatgt gtttggtccc aactc 445

<210> 118  
<211> 107  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 118  
ccctagtttt tcaatgcgct ccaaaatggt cacaccgagt accagctgtg acttatggta 60  
agtcacggga ttttcgaaat atcgtgatct tgaataattt gactaag 107

<210> 119  
<211> 546  
<212> DNA  
<213> *Drosophila melanogaster*

<220>  
<221> misc\_feature  
<222> (1)..(546)  
<223> n = ambiguous/unknown nucleotide

<400> 119  
tgctggagaa agcagtagaa tgataagttt aggccgtatt tgcacaatta ctgagtaact 60  
agtgacagcc gaacaagcgc catgtattca taagcacctg ccnnnattcg aatttaaagc 120  
ggccccggag cagaagcgac gcatttcttc gccgagcgtc cgcagagccg tcggatcgga 180  
tcggatcggt ttgattggat tggtagctaa aacagttgga caacaacagc ggcttgatta 240  
gttggcagta aacagagcta ccgaacgcac cgggtcattca ctccgcaccg ttttgaccag 300  
aagcagttcc agtattggta gccaaataagc cacagcaatg ggggtctccg ttccagcagc 360  
tgaagaagct ctggctgctc taccttttct gctcttttct cgttcttcat ggtcgccatc 420  
agcatcaacc tggtagcgtg gccagcattc aaggcggggg acgcggagat gccgtgaagt 480  
agttggcccc gtaattaaca atggggccat taggaccccc gggttggaatg cacaactttc 540

ctgggg

546

<210> 120  
 <211> 546  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 120  
 aaccccgcg agaaaaaaca tttttaccat tatgttggtg tcctcttctt tcattttatg 60  
 aaatggctgt gtgaacaaga gatggatggc gcagtagtgt gaccaaatac gtgggtaaaa 120  
 agacgcagca aaatactgaa acactcatga aacggccagt cggcgaaaaa ttttcaaatac 180  
 gcgggggtcgt acagcggacg attttcaatac ggaacgggtc agctttggag cggagcgcgg 240  
 agtttcgcgt tttttgtgtt tgtagcggaa aatcggtatga aaaactccaa atgtttacca 300  
 aatgagcggc gacaaatacg cgaccaattg acgagatcgt gtgtgttttt ctcaattaaa 360  
 cggtagtgtgt gcgatagaga tggagatgta aagtatgcag tcaaattaaa gtgcggcaaa 420  
 aaaatcaaag gtgaaaaagt cattaaaaaa gtaagcaaaa tagaattgct ctgtggaata 480  
 taaaaatggt acatataccc atacatccat aaataaatat atatatatat atgaatatct 540  
 gcaagg 546

<210> 121  
 <211> 572  
 <212> DNA  
 <213> *Drosophila melanogaster*

<220>  
 <221> misc\_feature  
 <222> (1)..(572)  
 <223> n = ambiguous/unknown nucleotide

<400> 121  
 gacagtcccg tgtccaacta tttagcatat atgtcgtatt ccccaaaaac actctcacac 60  
 atacccatgc gatttgctgt tgggtgtcgt gctccactgc tnnccaagg tcgaatacac 120  
 gctctcctat atcgcgtgat gcgtgatagt gtttcggctg gctgataagc tggaaaattc 180  
 cgtctaataga ttaatgggtc actctttttg gggtccattg tttacatctg acgagtgggc 240  
 gattgaacgc ctaaatgtgt agatagtaca ggagtgtggg tacgtaaaca acaacaaact 300  
 aacagctgat cgagcgtcca taaattaacc catccaaaat gctttcatta acatgggtcat 360  
 tttgtaatta taacagggtc tacaaaaatt acaccgttga gaatcagaag taaaaatagt 420  
 ttccaaggat actatttact catattgcaa gtaatacacc tatactatct atgcaatatt 480  
 accaaattaa taatttatga tgaattatta agttttttta taagtggata ccaccaatg 540

caacccactt taataaacta gttttggttg aa

572

<210> 122

<211> 492

<212> DNA

<213> *Drosophila melanogaster*

<400> 122

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gctttttcttc gcatttggac ttgccaccgt tgttgctcagc tacttttttca cacatatgtg 120  
aacgacgcga ccgggttcgt tgcgagttct cggcactagc actgaatact gtatatatgt 180  
gggaattttc ccacatattt attacgctcg ccaacagagt gcactgcgtg agtgtttgtt 240  
tgtactcatg cctcagaatt gtcaaattgg agagtcttgg agctgctaaa acatcgctgg 300  
ctgccacgat agtatcggtc gctaggtgcc agccggtgcc agcgatggac acacaactaa 360  
atatcgaaac tcctttttat taaccctata atgcctgaaa ccaaatgtgt acatgtcaaa 420  
agctaaatat gttggcccat cttagacaaa aaagaaacca taaataaccc tctggatagg 480  
taacgtgaat tc 492

<210> 123

<211> 605

<212> DNA

<213> *Drosophila melanogaster*

<400> 123

ttcccaccta cgaagattgt ttacccttca tcttcggttt catctattac gtttcatttc 60  
tcttttttatt tattttttta ttttgattga aaacctttta ctgcatttgg aaacataaaa 120  
aaaacttcag aagtatttta aatgaaataa tagaatatat ttataaacat aattttaatc 180  
aagcctttac aataaataac aaaaacacct atttagcctt ttttaaggctt cgcatgcgga 240  
cccagtggag acaagctata actgatttga gatagaacgg ccacacatcc accggtggcc 300  
agctggattg ttactgttgc ttttgttttt gttacaaatt ttgatttttg tcttgtttaa 360  
caaaaaatga taaaatcttg aacagtaaag ataatccaca caatttacta tgagcaccgc 420  
cactgggaac agcagacgga agacggaggc gttgcagtca atatacgagg gcgacacgac 480  
ttcaaggaat agattagcgt ccattttcag taccaagtaa gccacattgg ataaaaaaag 540  
ccacaattga taatttgtat atataatgaa atttttagtat ggcgaaaggc actaccagcg 600  
tcttg 605

<210> 124

<211> 539

<212> DNA

<213> Drosophila melanogaster

<220>

<221> misc\_feature

<222> (1)..(539)

<223> n = ambiguous/unknown nucleotide

<400> 124

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catttttata caaacggaat tacgagcgca acgacgacag caacactagt agcactaatc      120
gtaagcgagc gggccaaaaa ttaaattgag tttgcggccg caaagatttg atgacgtcgc      180
atacgccgtc ttctagggcg taaaaagcaa agcaaagcaa acaaacgcga aagcgaaacg      240
tgtaaacggc gtagaagcga taaacgcgac tcaaatacgc agcagataaa atacaatacg      300
cgagaagagg aaaagtcacg ggaaatattg ttcatattcc ggcgtctttc tgcgagcgta      360
aacgtgtggt gcggtgggctt gtgctttgcc agtgctgtgt gtgttaatgc ctgtgtggtg      420
tgtgtgatta agaagatata aaggatataa cggtaaagtc acgccgaaaa atgtgcagct      480
gacgccaaca catggtaaac gtacgcacag nctacaccga ctattgggaa cttcaaaaa      539
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<210> 125

<211> 563

<212> DNA

<213> Drosophila melanogaster

<400> 125

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agctgcgctc tgtgcgtgag tgtgtatgtg tgtgtgcgag tgagtgtgtg tgtgctggcg      60
cgtctgtgtg agtgcggtgc tttgtgtgca gaataatttt tgcaaacatt atgtaaatgc      120
gcaaattaaa gttcaatcga cgcccgtttt gaggtagaaa ccagatcgcc ttgctttaag      180
tgccacggag ctacagtttc ttttcgtacc caatttttca aagatatact ccctcagtag      240
gcaggcacgc acacaaacat acacaggatc tcaaacgacg ccccgatat acctttaccg      300
ttaggaaaat tcaaaatggc cacgacagcg gccgcaatgg ccgcaacgag tgtagttggt      360
ctggatcgcg gaaacaatac aacctgcacc atcaacttgc acggtgagca gaatgtcttg      420
aaacaatgat aaacaacaaa tgaatagctg gcgaacaatt aatcataatt aagaagacac      480
caccagcact ttgccaaaat tttgttggcg ttatttttag cggatgattg gcgcttagac      540
tttccgaacc gaaccggttc gcc                                         563
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<210> 126

<211> 522

<212> DNA

<213> Drosophila melanogaster

<220>  
 <221> misc\_feature  
 <222> (1)..(522)  
 <223> n = ambiguous/unknown nucleotide

<400> 126  
 cttccaacaa accacgtttg aaaattgacg tttctctggt gacgtaaaaa aacatcgccg 60  
 atgcgataca tcgatacatt tcgtatagag ttgcttnnnt agctaaaaat ataataaaag 120  
 ttatacatct gagcttatac acgccaccga caatatacat tagatctaca tgcaagtcca 180  
 tcactcttttt cgcttcaatt gttatatatt attttaataa acatcgagta ccaccagat 240  
 agttcggtaa aattgtaagc tgtgatcact gcgaataagg tattaataaac taaaaataga 300  
 taaattttat attattttct ttatttatgt ttcttgtaga taaaggaatc gaaggataaa 360  
 ctataattaa cacaggctcc tgccccgggt taggattttc taaatgtaac tcttctgcaa 420  
 ggtcccctaag gaatgtttta tataaaaaata taaaagaatc tttagtgatg cgactaagac 480  
 tatgtaataa acaaaaaaaaa ccaggatgga atgctatagc cg 522

<210> 127  
 <211> 592  
 <212> DNA  
 <213> Drosophila melanogaster

<220>  
 <221> misc\_feature  
 <222> (1)..(592)  
 <223> n = ambiguous/unknown nucleotide

<400> 127  
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 cggagagcag gatggccacc agcgggtattg tcgagtcatn nnctgggtgcc caaggcggag 120  
 acgggagtc tgaactttct gcagaagtag ccggagtacg atggacgcga cgtcaccata 180  
 gccatcttca tccggcgctc atccccgggc aacgggactg gaggtgagtt ggcacttttt 240  
 cgcactctct ataccggtta caaagaactt gtacagttat tcttccaata ttacaatat 300  
 ttcgtcttac ctattctatt acgatttaat ccttctactg tgtcacgact gcttcttact 360  
 cccgtttctc attataaccg atccaatttc aatctgctcc tacgcaacag acgctgtgcg 420  
 atggaaagga ccgttaaagt aatagagcgg tacgactggt ccggatgcgg cggacgtgga 480  
 catgaagaag aaggtgacgc cggacgagaa cggcaacatt aagggcctgt cggaaactcg 540  
 ctcagctgaa tccggactga tggctctgac acagatccgg aaaagcgggtg cg 592

<210> 128  
 <211> 551

<212> DNA  
<213> *Drosophila melanogaster*

<220>  
<221> misc\_feature  
<222> (1)..(551)  
<223> n = ambiguous/unknown nucleotide

<400> 128  
ccctggagtt gcgaatttta acgtttttgt tcggttgctg aacgttttgc gcttgaaaat 60  
gccagttcgc agcgctggg cgcgagaagg tatgatgnnn atgtacctct tcaccaaggc 120  
gaatctcata cgcttcctag ccggcgcgat atgcttggtg ctggtgctta actttgtggg 180  
cttccgtcga cggaggtagc gccacctccc tcagcaagct caggtaacta aatctatcat 240  
attgccttgg cagaggttat cttatcaatt atttttggga acggatatta gcattcggcg 300  
cgtgcacaag tatgctcata tctacgggaa cgctagcagc gatggagccg gaggcagtga 360  
agcatccagg ctgccgcttc cccgctcgcc ttatcaaaag acagagagcg ggaccaggag 420  
ctcaatggcg gacccaactc taccataaga actgtgattg ccacggcaaa ctttactttc 480  
attccacaag acttaacgcg ctttctgctg ggcacaaaga aatttttgcc cccgcgacag 540  
aatccacat t 551

<210> 129  
<211> 492  
<212> DNA  
<213> *Drosophila melanogaster*

<220>  
<221> misc\_feature  
<222> (1)..(492)  
<223> n = ambiguous/unknown nucleotide

<400> 129  
gaatattgca aacaacacca acaacaaca gaacaacaac aaaacaaaa gcgaaacagc 60  
aaaaaataaa taaatacgag gaaccagttt accttgaggn nnacactcac actcgcactc 120  
gcattcacac aaatgaaaca gcccgatctt actcttactg cgagtacgga cacatagtgc 180  
acatatagtg catatagtgc acagcacaga gcacagagta gacatagtga ccaccacata 240  
atttcgtgat aaagccacag agaatcggag cgctccgcct tatcggcaac ccaactgccac 300  
tggtccggct actatgctcc agcggggatc gggacatcat cgctgggata gagacacagt 360  
ggacaccaga actgggatgg cagttgcagc ggcccaaac gcattgaaag atgatagcta 420  
agcccaacca ggccaccacc gaaccacat taagcttgcg ccccggaac agtgccaaac 480  
gggtttcagc aa 492

<210> 130  
 <211> 602  
 <212> DNA  
 <213> *Drosophila melanogaster*

<220>  
 <221> misc\_feature  
 <222> (1)..(602)  
 <223> n = ambiguous/unknown nucleotide

<400> 130  
 cagcggccct ataaaaattg ctttttgtgg ggctgtcagc tcagtcagcg gtcattcat 60  
 cactttccga cgcgctctag agtagctagt agacctttnn ntattacgcg tccccccgaa 120  
 attgccccgc cgcccgaaac gcaatagcat tccgcaaaaa caatacgata agcagcaaca 180  
 agtgttcaag attcccttga aacatacaca gaatctaaaa ctccattgaa attggttctc 240  
 agttgttttg ttaccaccagc aatcagtgcc caagaacgtg gcacatttcc aactgtgggc 300  
 gggtaaaciaa ttgctgcgca acaattaaga aaacttgttc gccctgtctg tgtacacgcg 360  
 aataaatctc gggagtacaa ttccatacca gcccgggtgac gggcacggaa aagcagctct 420  
 aactgtgcaa gatgattcca ggctatggac ccgtcacgca ggctctgctg ggcaccctgc 480  
 ttacctgggg actgaccgcc gctggcgccg cctagtgatc ttcgtcgggg taaccagcgg 540  
 aggtctctgg acgccgctg ggattcgcag ttggcgtaat gatagcagcc tcttttggca 600  
 tt 602

<210> 131  
 <211> 558  
 <212> DNA  
 <213> *Drosophila melanogaster*

<220>  
 <221> misc\_feature  
 <222> (1)..(558)  
 <223> n = ambiguous/unknown nucleotide

<400> 131  
 gactaacggc tctccgctct cgccagtcgg atcggctata aaagcgggtgc gatctcagcg 60  
 agcgccggtt atttgagttt cgcgggttcga ggtgttttnn cggtctttcg gctctggaga 120  
 aaactactcg catcgaattg aattgaatct ggggaaaatc agtccgagtc ccagctacac 180  
 agttagtttc acttcccagt ccaactataa aagtgcgctg cagtcccagt caaacaactg 240  
 cattcagata caaactattg ccaattgcat ttcatgagc taactgtctc gcatcgcggtg 300  
 tgaaaagtta caaacaacac aaaaacaatt gccaacggtt aatgtttaat gtccaggcaa 360  
 ttataaaaag caattcgatt gtctagctta cgcaaggcca actacaatta ccaataaata 420



cgacgaataa agcagcacag aaatcccaat ttggatttat taatagccgc tggataaaaa	480
aatcataaaa caccaacggt gcttgtaaat accaaccaat ggtaagtatt ttttcggccc	540
caaaggtaac ttcaaaaa	558

<210> 132  
 <211> 541  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 132	
ggtggtacta agcgcgtctg ggaaatgcaa ttagtgatgg gcgatagttt tgctatcggg	60
tggtcatcttc caagcggtaa tcgggggtcgt gattttttcta gtagtcatat tcctgattgg	120
aatccttgct aaccaatcaa actaacacat aaatatat tttacgaata tatttacttg	180
tgaaacaaag ttatttcctt gcaaaattct actctgcaag accagctatc gctgccagca	240
gcaactatcg cacctcgtgt cagccctggg aaacagctgt tcgcgcataa cataacacaa	300
taacaacaag ccttcaaatt tattaaatct tttatcttta ctgctgactg cgcgctttta	360
atcgcagcgc ccgctttgaa aacccccacc gactccgata aattcagttg tgcccaagaa	420
atcagacgca gcaggccgcc aaagggccaa ttacgcgctt cccaaccact ggctctacaa	480
gcaacaacaa caacagcagc acaccactgg accacacaca tcattctcat cattttacaa	540
a	541

<210> 133  
 <211> 494  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 133	
gtgcatacat acaaatgcag atatgcatgg caacaagagt tacatgactt tccggtttta	60
caggtttgct gcaaagcttt cgctctctca ttcggcgctc tctctctctc tcacacactc	120
tggtcacctgc ctaattcgat tagccgcacc gctcgaacgc tcagtcttca aagagatctc	180
gaccgagcaa caagtgaacg gaagaatccg agcagtgaag aatcagaaag accgaggaaa	240
cactcgagaa ctctttaata acattgtgaa ccaaaaaacc agaaacagcc actgaaaata	300
cacggaaaagc agagtgattc gcatagtttt gctagtgttt tcaagggcac ccatcatacc	360
agctgtgctg caaattttgt gccaggtagt gaatttaa at gaaaggccaa gaaaccacga	420
attatattga aaatttccat tatctagaga tcggtcgaga acgtacgcct gcaagacgta	480
ttctggcaga tttt	494

<210> 134  
 <211> 606  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 134  
 gctcagtggg aaaaaggata aaaacgaaga caaagtaaag cggagaaaag tagcaacgaa 60  
 aaaagaacca gagcgccact aaaccgggttc gcttttcttc tcttttcttg ctgctccaac 120  
 tctcttcgct gattctctcg gtctccagtt ctcgctctct ctctctctct ctctctatcg 180  
 ttgcggttaa ttaaaactcc gagaggcggtg cgacagttgt aagttgtgta ttaaaaagtg 240  
 gtaacaacaa caagttagct agcgtggcca attagcattc attttccgca aagagcagcc 300  
 gcggcacaca gcttttctga ttagaaattc acagtgggca ctggaagtgt gtctgttgta 360  
 aacggatcct cttggatttt atacataatt cattagaccc ctttggtgct gcgttagctg 420  
 tccattctt cgatttccgg tacttacaat ttttgccaac tgcgcgggtg gtctctttct 480  
 atctctctta aataggtgaa aactaactgt ggtaactgtg caattaacta gtgagagtaa 540  
 tagtttaatt ggttggcact tcgcgtcttt tatttgtgta tgcaggctgg aattaaatcc 600  
 cacgag 606

<210> 135  
 <211> 570  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 135  
 gctggggcgtt tcacaatttt tttgggaaac acaacaaagc ttcacaaagg acacgatgct 60  
 cgttctggta ctcggcgacc tgcacatccc gcaccgggtg agcagcctgc cggctaaatt 120  
 taagaagctg ctggtgccgg gccgcataca tcacatcctg gccaccggaa acatctgcac 180  
 caaggagtcc tacgactacc tgaagtccct ggccaatgat gtgcacatag tgcgcggcga 240  
 cttcgacgag aacctgacgt atccggagca gaaggtggtc acggtaggcc agttccggat 300  
 cggctctgtg cacggccacc aggtgggtcc ccgcggagac ccggaggcgc tggccctcat 360  
 ccagcggcaa ctgggacgtg gacatcctga tcacggggca cacgtacaag ttcgaggcct 420  
 acgagcacgg caacaaattc tacatcaatc ccgggatcgg ccacgggtgc cttcaacca 480  
 tggacaccaa tgtggtgcct tcgttcgtgc tgatggacat tcagacacca cgggtggtcac 540  
 gttacgtgta ccaacttgat cggcgacgag 570

<210> 136  
 <211> 236  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 136  
agccgaaaga tgacttattg acgagcggat gaccatattt cggatttggg aaaaatccag 60  
ctgtgctgca aacgaaaaat accagctgtg aacgtttttg gtattaatat ttaccaaata 120  
aataaattta tattttattc gaaaacaatg aaaattcctt aataacatta cattacttct 180  
ttattaggag tgcttaagta ttctttttaa taatgaatta taattaatat tataat 236

<210> 137  
<211> 526  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 137  
gctcaaactc ggcgctcaca ttacgcacag tggctcgagaa aatgatagat gctgcttaga 60  
tggcaactaa atattttaat gggaaaaatt atgtatgcta gtgttttgtt ttaaatttct 120  
caaccaataa agtaatataa agaatgtaaa ttaataaaaa cattgtattg aacgaagtgg 180  
ttcaataatc gtatttgaat acagaataat ttgtacgaaa atatttaagg tgtgaactac 240  
tgtgcggaat caacttgttt gttccactgt gactctcttc gacgattggg tgttgccaga 300  
ctgaagtcgc tacgactatc gcataacta acgtagagca ctgcagccct ggttgactag 360  
tgccgccctg gtccgattgc cagaaaaaaaa caagacaagt gaaaaagcaa gataaatcaa 420  
attaaaaata ttgtaaaaaa ttggagttaa cacgcgctga gcacggtgac tgaaaatgtg 480  
atgaaaccat catagagaga gacagcgaga ttggtggccc caagct 526

<210> 138  
<211> 391  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 138  
ggctagtgtg tttattttta tattagcttt gtgacgttcg ctcaccaaata cagtattttt 60  
cgtaccatcg gcgttaaaac acatgttcag cgatttagtg cgggagtgtg aactaatctg 120  
agtaacaaca acagcatcgt cggcaaagca acaacaacgg cagcagaaaa tttaaacacg 180  
ttgacgcttt ttctagtgtt tatagcgagc ggaaaagctt actaagcgcg taacaagcga 240  
gaccccgaaa tcttttttca tctcgggtctt ttcgcctttg cgtctttgag tgtgctgccc 300  
aaaattcaaa tacgtcatcg acgcgcgcag ccttaaactg aaaaggaatg aaataattga 360  
tatacacaaa tgccagcgaa agattgaatt c 391

<210> 139  
<211> 458  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 139  
 cgctcagtgt agcgcagctg ataacgggcg gcggagtggc gacctaaaga cgcattggacc 60  
 gcgcaggcag atggaaacag ttcgcaccgg ttcgctcgag tgtgcagtag atgatccagc 120  
 ggcaggaatg gcggccacga tccagaacac cctgaagggtg gcgctgcgaa agcgcattgaa 180  
 ggatgcactg aagggcatcg acgcggaggc catcgcccgg cagtcgcagg ccgtcacggc 240  
 caaggtaaca ttggtttggc tgggccccaa gggtatcaag ttaatccca atcctcctaa 300  
 tcggctcgat cgcacagggtg ctgcaaagcg agaccttcg gcaggcgag cgggtaagca 360  
 ttacctgag cacagcctcg gactggacac cacgcgcttg tgcggagat gttccgctgg 420  
 agaagatggc ctttgtgccc actacgaggc acaggatg 458

<210> 140  
 <211> 527  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 140  
 gccacaatcg tgcgaaaatc acattttacat acatatatgg gttatgagta gaaaacgaag 60  
 agcaactcgt cgccgtatta gtcacgaaac atcgagtcg gggaaattcg ggtagaatg 120  
 tgctcatcca tagttgtggg aaaaataact aaatataagt ggtatctgtc tataaaaaag 180  
 accaaagttt tcacatagtt gtgtggcttt tgagattaaa catatatcat atcacatcaa 240  
 ttgaactcgt ttttatccac tgtacagcca agtatcaaca actcatcatg cgtaacattg 300  
 ggcaacgcgc gatgagcaag gccaggcaat gagtagccgg ggcaaataaa atttccaaac 360  
 cttggacatt gtggagtttc aactccgcca acattgtttg tgtattttat ttaatatacc 420  
 tatctatcta tcccagcacc tcgggcagac atattccttt gtgcacacca tggcgattcg 480  
 aatggcgctc ggctttgtcg acaggatccg cggacgacac ggccatg 527

<210> 141  
 <211> 483  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 141  
 ctccagagac tggcgacact cttggttccg ccttggctga gcacagaggc gggtagagt 60  
 gctactggct ggcagtgcg agcgcttctt ttgtgttgct ggcgtaggcg tgacgccatg 120  
 ttgtgaaaag tgtctgacag aaagtggaaa attcgcacgg aaaactgcac tcgaaagtcg 180  
 tggaaataaa gagcattgtt aaaacaatcc aagtgaattg tgaaaagtgc aaactttttg 240  
 gccagtgatt gtgtgtgtgg cgaaggaatt acgcaaattg tgcacaggat tttccgtttc 300  
 cattgatttc gctgggggcg tgtgtgtata tattatatac atatatatat ttttaatgcg 360

tgggaggacg aagcggagcc aaaatatttg cgtacaattc atttgcaact cccgggattc 420  
 actaattgga catggactga tgaattgggt gtgggcctgt tgaacaaagt acctcgggca 480  
 ttt 483

<210> 142  
 <211> 430  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 142  
 caataaacta attgttttaa atgtgacaac agtgaaccaa atgcttgctg agtaataaac 60  
 caaaggatgt tttgtttttc taaaacgtgc caattgaatc ggctccacgc aaatgagagt 120  
 gtgggagtggt ggtctgaaaa caatggagct gccgtaaaga attgattaaa caaaatagtc 180  
 gagaagagag cgcaaaatgc acaaaatgggt taaattattc ctcaggtaat ttcagtccca 240  
 acaaaaacaa catgtgccag attgctttcg tgctcttatt gctgttggtg tagttctaga 300  
 ctctctcttt gcgctttaat attatgaatg acgtaagcgc gcctctttgg tagcaataca 360  
 aaagcaataa caacaatttg gttttgttgc ttttgtaaac aaggaaaata acagaatgggt 420  
 tttgtcctgt 430

<210> 143  
 <211> 272  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 143  
 gaacagaact agcaaagacc cacttgatcat agatgcgtac gagatcggtta accaaacaac 60  
 aatcacgttc gcaatcgacc agaaagacac tgaaaatcga accgaaatca ccccgagctc 120  
 ggcgagcgggt tagagttgtg taacacggac ggacggggccc aaaaaaaaaa gaaacgtgaa 180  
 ctagaactct gtgtctctc cgctgggtttt gttgagtttt tggcgagcag gtgaaacaaa 240  
 agcatggcgc ttgaaacgga ggcgaagaat tc 272

<210> 144  
 <211> 489  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 144  
 gctccgacgg attggtgcgt cgctcgggtga aaccccgcgga aaacgggtggg gcggagggtg 60  
 gggtgaatgc caacacgccg gacgacaacc aggatgcact ggacaaccta aaggaccagg 120  
 aggacaatat cgacgatggc gactccaagg aaacacgact aacgctcatg gaggaggttc 180  
 tgctgctggg actcaaggac aaggaggtgg gtgtgctcct tatctcatat ctgcttggga 240

tgcactaatt aattggtttc tttcgcaaca taagtgttc ttcttcacct gtttaaccga 300  
 cgtctctctc tctctgtcgc tctcacgatt tctctctttc gcaacctctt gcttggccca 360  
 agtgcaaccg cagtccatct tccagcaggg gccgtagtga aaattggata caggggggta 420  
 acttatcact ttcagttatg gggcaaccaa tggttatctg tctacagata acatttatga 480  
 actttcgat 489

<210> 145  
 <211> 463  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 145  
 gtcgaaatcg aaccaatgac gtcgcgaatc tgaggcgaca aagagcagcg ggaggaaagt 60  
 ggtcgccccaa acgaccgtat tgtgtcagcg taatcagtat tagaagcatt agcagtccgg 120  
 attggacaca ccagtcaaac gaacaccccc cactgaccga cacagaaaca tgtgctagac 180  
 ctctctgaaa tgggatcgcg tatcaagtga gtatgcccat gccgccagc gccagttcgc 240  
 agcagcagtg gccgttgcgc tccactggtc gctatcgcg cgctctcact cccgcgactc 300  
 atcgccatt cctcccgtc ctccccccag aaatggacgt gaagaagctc ttcgagttct 360  
 ggtgcgaggt cacgccgacg ccgggattag agaggggcac gagttccagg agcggcggcc 420  
 agctgttccg ccggcggtga tcgtggagag cttcccagg gat 463

<210> 146  
 <211> 506  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 146  
 gtgcagccta agatttcagt gcatcacggt ttattacaaa taaaatgggc agagatgaag 60  
 atatcgctaa caaacatcgc aaccttaata cattattcat ccaaaatatt ccgacaaaat 120  
 cccattaata gtgcaaactt tttcacacaa attacctttg cttttcatgt catttaatta 180  
 ctttggtata ttttcccttg cagtcgaaac atagcaactg cgactacttc aaaccaaata 240  
 acttgatcaa tatccggatc aagatctgga atacagagtc cacaatggag cagctatttc 300  
 agaattaccg cgacgatgag cgaaggatcg gcgaggagta tctgtcaagt ctccaggacc 360  
 tcaactgcaa cagcaagcca ttgatcaata tgctcacgat gcttgccgag gagaacatca 420  
 actacgcca cttcatagtt aaagggtggtg gaatattaca tcagcccagg ttaacaaaca 480  
 aaagcgtatt tacttaaaac caagac 506

<210> 147  
 <211> 445

<212> DNA

<213> *Drosophila melanogaster*

<400> 147

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gcttcaccaa aactgagctt ttctccatgg cgccgccgat caaaggcggc gagtgcctaag      60
tagtcgaatc tgaatcgttc ttgtgagtag gcgctttgaa accgttaacg gagactgcgt      120
atatactcaa tggtatttta tattgcacta taataaaaac cacgtgacgc ccaattcacc      180
gcaaaaatct gtttttgaag tgctgctgtc agacaccgct tatttgctcg tgcttggtt      240
ccaaaattaa attaccaaaa ttaaaatacc ataaataaat aagaaagcga aggacaatgg      300
ccaccaacct gcaaaaggta agaaaggata ttcgagactg gtatcagtgg catcgccata      360
caatgcttca ccaaggtttt aaaagtttgt gtttcgccaa ttttgcccct tacctttcgt      420
acaatgctct gtattggtgg ggctt      445
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<210> 148

<211> 509

<212> DNA

<213> *Drosophila melanogaster*

<400> 148

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ctcaaaaacta attaagtggc gtttcacag ctgttttctg gattagtcta gggttgtctc      60
attgcatgaa atatcgatga taaaaaatt tcaaaattta ttagtattt gaaactatta      120
atattaatat ttttcaagtg acaagctggg aagctaaaca taaaattgtg cagtaaggat      180
tcgatttatg gttaagaaa agaaaactac caccataa ttgcattaga tttaccctaa      240
atttataaaa agtgaattga cgcactcgac agccctgatt ttcccatagt tttcccatca      300
ccaaaatgg cggaatcg aaacagtttg cggccggca taaaaccaa tgtagctgta      360
tttcccatgat catttgccac acaactttca aactgtacac ttaatacacg tcgtgggtta      420
agtgaatttt accagagaat cagagaagcg cccctacctg ctaataataa tccattcaaa      480
acatctcaaa tggcgtccaa ggaaacatt      509
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<210> 149

<211> 490

<212> DNA

<213> *Drosophila melanogaster*

<400> 149

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acccaacca aaaaaaagag aaagaaaact gaacgaaaaa ctcccggaga aaacaacaac      60
acacaacgat aaactgcaaa agtaaacaaa ttgcgccgaa actaaacgaa tttcggaaaa      120
ctgcagccaa cggaaaaaag gtcagtacac agcgattgat tggccggaaa attaactaaa      180
ttaaagtaaa aaccctcgag tgccaaagtg gtgttgagca gcaaacacct tttaatagtc      240
ccccatttga ccttcaccca tggacaccct cgcaaattgg tagcaccaaa gtcgggctag      300
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cagttaaccc ttacccttga tcaccgttaa ttggaccccc ctctcagac tatcatggtc 360  
atggtcagca gggttgtgaa aacgggtcat ttattggagg gtgcgttacc ctttgcatta 420  
tataaggcac gaaactcttc aatgaaaatc taatttcaaa gggattttaa cccctgtaag 480  
aaaaaaagta 490

<210> 150  
<211> 522  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 150  
cgccgaattg aacgcacgta gcggaccgga cggatatcgc atcttccgat cggaaaaatc 60  
gtacagtgca gccaatcgc cgtctacaga aatctattag cgcgcggtg ttgggtgccag 120  
tgcggtggca aattaaaaca aaaaacatct gcgaatttga atacgcaa atctcatgctca 180  
ctaagagcgc aaaagtcata gagtgcagaa tagtgaattg aagaactttt ggacgcgcta 240  
agagtcgctc tccatcccca tctctctctc tctctcttgt gtgtgcagtg ctagtgtgtg 300  
cgagtgtgag tgagacgggc aaacaatttg ccgctaaata caaaaagcag ctgagaccag 360  
ctgacgcatg tgtatgttcg aaatacaatt aaagttaaca ggctataaat aaattgcaaa 420  
tgtttatgta gccgtcaagc agcaacagta gcagcgcaac aacaaaacca cgtggcacag 480  
acattttggc cacgatagta agcaaatacc caaccgatt aa 522

<210> 151  
<211> 590  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 151  
gtctagttta gagagcatca ttaccttcga ctttaaatta tcaccaat tt atattccaac 60  
gaaatacgcg tccgttcaag tcgaacagct ttctgttagt cagtgtgacc gtggcggagc 120  
gctcttataa cctccgattc gccaaaacaa gccctaaata tgccagcaaa agtcagcaca 180  
gcaagagaac tttgataagg agcggaaactt cggtaaccgc ctttcaattg cacatttcca 240  
ctagatgagc taacaccttg ttccaactga gccacattaa gcacatcttg cagataatct 300  
ctaaattcct ttaaaatcgt tatattatta agttttacta cacattattg ctaagtgatt 360  
tagtatatcc gatgttattc aactagtttc tcatattatg tatgggttcg ctttaaactt 420  
gtttaatatg aaattaataa ttttttatca atagacctca aaacctacta ttcaatttga 480  
acctaggtac tttttgggaa atctctacca ctgcagcaac gcttttctta tcgccgctaa 540  
attcagagct taaatctacc agacttttcg cgataggaat gccctataaa 590



<210> 152  
 <211> 411  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 152  
 ggcaagacag tttatattaa ttgtttacct gtgcaacaat cttttgttcc gcgaaacaag 60  
 actatatttg caattgatcc cgccgacata atcataaaag ggtaagcaat acgctgcaag 120  
 gccactggca ttgcgtcttc cgcttactaa cgtttctac taactttctt cgctgcagct 180  
 ggagtcgggc cctagacatt tcttaatggg gaaaacagca tagccttcta catatgccac 240  
 cggctctcca tgagcattat caagatgagc ttgcacacac gggcgtagt gttctccacc 300  
 ttctttggca gctgcctggc tattggcctc ttgctcgtca gcatgaccac taatcactgg 360  
 gtgcggggcca ctccacgccg caagaactcg tcggacgcc aagggtgaatt c 411

<210> 153  
 <211> 561  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 153  
 ctgcgcgtgc taagctccga gttgctaggt ccagaaccat actttttaga tactgtatcc 60  
 aaactccggg caatccgctg ccgctttata aacaaacagt taaacaaacc gaccgctcga 120  
 acgtcgccgt gtgtgtgtgt gcctgtgtgc ttttcgcctt cattgtgctc tcgtgcaaat 180  
 gaaaatttca ttgagcagaa agtcgcagca gcagaagcag cagcagcagc agtagaaaag 240  
 tggaaaatcc taaagcggcg ccagcctcag caaaaaaaga aaataaatta aaaatctcgg 300  
 ctagtgaaat ttcagtccag aactagacgc cgcaattaag ccaaatacag accgaaccac 360  
 gacgagtcaa tcgctggaaa actgccaaaa cagccacgcc aatcgattgc aggcgttccg 420  
 caaattgaag ttcaaccggc gcagcttgta ccgctaaatc gatcgacaaa gatgcagtgc 480  
 ggtctggagc agatgaacga ctgtgagcgg tcggcgaacc ggacgaacct acgggtcaac 540  
 tttaacgaaa agggggcgga a 561

<210> 154  
 <211> 49  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 154  
 gtccgtcaca caacatggac gactctcgc cacacacacg ggcgaattc 49

<210> 155  
 <211> 489  
 <212> DNA

<213> *Drosophila melanogaster*

<400> 155

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gtctgaagcg tcatccagag ttctggaagg cgctgtggaa gaacatgttt actggtcgtc      60
tcatatcgga gattccggag gcactcaagc acctgggagc cgcgctaatt gtcgcgggcg      120
ccaaactgac agtcctggat ctcagcgaca atgccttagg accgaatggc atgcgaggct      180
tagaggagtt actgcatcc ccggtctgct actcgctgca ggagctgctg ctgtgcaatt      240
gtggccttgg tcccaggagg ggtagtatgc tgtcccgggc tctgatcgat ctgcatgccca      300
atgccaaaca ggccgggcttc ccgctccagc tgcgtgtgtt cataggttcg cgcaatcgtc      360
tcgaggatgc cgggtctacg gaaatggcaa ccgcattcca aaccctcaag acttcgagga      420
agattgttct ggagcaaac ttcatttaca tcgaaggcgt cagggccttg ccgaatcttc      480
aagcataat                                     489
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<210> 156

<211> 450

<212> DNA

<213> *Drosophila melanogaster*

<400> 156

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attggaccca atggcagtgg caagagcaac gttatcgatt ccatgatgtt tgtgtttggc      60
tgccgcgcca atcgcatccg ttgcaagcgt gtctccacct tgatccactc ctcgctctagt      120
tatcccaatt tacgcagctg ctcggtcgcc gtccacttca agcagatcgt agacaagggc      180
gacggcacat gcgaggacgt gcccgactcc agcattgtta tcgaacgcac tgccatgtcg      240
gacaactctt cctactacca gatcaacgac aaacggggcg agctcaaggg atgtggctaa      300
gctgcttaag aagcatcatg gtgggatctg gagcacaatc gcttcctcat tctgcagggc      360
cgaagtggga gtccattgcc atgatgaagc caaaagggca gactgaaatg aaatgggaat      420
gttgggaatac tggaggatat tgtcggaaca                                     450
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<210> 157

<211> 349

<212> DNA

<213> *Drosophila melanogaster*

<400> 157

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cgtgagagtt tcccaatttt gtacgtcgaa aaatcatacg ttattatca caaatctat      60
agagagtgct ctgcgtttac cgacatttaa tatatTTTTT aaattcctcg tcgcagaaga      120
caaacaagat ggcacagagc aaattgaacg atcttgccgg caagctgggc aaaggtggtc      180
cgccgggatt gggaatcgga ctgaaggtec tggcccgccg tgggagcagc cgctatgga      240
gtcagtcagt ccctgtacac cggtaggat aaagccgata ggataaagcc acccgatttg      300
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aggggctaaaa gcataaacac gggcaatagc ggcattgtgca catacctca

349

<210> 158

<211> 511

<212> DNA

<213> *Drosophila melanogaster*

<400> 158

cttttgggctc tcacgccttt tctgctctct cctctctcga tttaaaactt gtaggacttg 60  
tttcttgagc ttttttgca aaacataaaa accggtaaatt tttttttcga aactgcaggc 120  
agagaaaaga gagcgagctg tgttggtgtt cctgtattgg cattttttac cttaaccata 180  
tttttcacac actttgcttt ccttacagtt ttctaaacac acacacatac agaaacgaga 240  
agagccaacg aactcgcagc gacgcccag aatgaaagag agcaaggcaa catgaaaatt 300  
acagcaacaa caactggctt gccgaagaag ttgtaaaaga cgcaagagca gaagaagaag 360  
cagccacaac agtatttttt attagcgggg tgtttttgtt gtcattgtat tatgcacact 420  
tttttcgctc cacactctaa tataagttga tcgttggtgt gtgctggtgt aattattgtg 480  
atgcttgat atattgctgg tgtgctatcg t 511

<210> 159

<211> 492

<212> DNA

<213> *Drosophila melanogaster*

<400> 159

ggaccgcctt tcataacgta gtaagttttc gttgcgaacg gacgtagccc aaccaacttg 60  
gccttaaccc ttgcgtccc tccgatttat tccgcggcaa acacattcca gtggacagt 120  
gtgcagttca gccaagacc aacctacatt ttagctccct gcaaaccgt ttcttcatca 180  
aataactatg gcgccaacc gtgcagcgaa gtctggtttt gccgccgagg ccagcgcaa 240  
agtaagtacc aatagcaac aacaaccgca cccccaccc aaaaaccgaa gagcgccaaa 300  
caaaacaaca caataaaca attgccaaa aaaaatcaac ttttgacgg gtgtgtgcgt 360  
gagtttagag ctgcattgac tttatttggc gctgcgttgt caagatttta tcttcgcgcg 420  
ccaaatgcc aaaaattagc aaaaatggc ttgaaattgc cagcgtctaa caaggaatga 480  
ctcatttcgc tg 492

<210> 160

<211> 580

<212> DNA

<213> *Drosophila melanogaster*

<400> 160

gtttggccgt ttgcagggcg ccaactacga cgggtggcata gaagttgatc tgggcttgca 60

gttgggtgggc tcgaggaccc agttccttaa ccgccttctg ggtacttttg cagatgaagc 120  
cgaggaaggc gggattgctg gcggctctgt taataatagc agtcttggct agcggaacgc 180  
caggacgctg caacggggcg agccagtacc agtcgccatc cgatgaccgg agcctcatgg 240  
tcttaacgat ctggacaaag atcattgtct cgtgataggg cagaatcagg gccataactt 300  
cgctacgggt atactcgtga acctggaatc gtcgcagcaa ccattcgaag gccatgtgtg 360  
cggggcggag cagaaggtac ggcgaaagaa ggcgcagaaa ctttgcaatg gccgcgtcca 420  
gcatcttgtt aatctccggc agctccacgg aacgctccac gtcaatgtgg cctcatcgaa 480  
caacgttagc tggaaactct tgaagccgga ttaaagtcgg tcaactctgc agtcccgtac 540  
ccgactcata aatggaccgc catccttggt ggccgctctt 580

<210> 161  
<211> 494  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 161  
atacggctct tccaacgtgc ttgagcttgg tcaactctgcc atcatcgtgc gaattaaagt 60  
tcagcagcca aaaatgccgg aagggaataa aatcgacttg tccggggacg gtggcgtcct 120  
aaaggagatc ctgaaagagg gcacggggcac agagacgccg cacagcggat gtactgtgtc 180  
cctgcactat acgggtcggc tggtcgatgg cacggaattc gattccagcc tcagccgcaa 240  
tgagcccttc gaattttcgc tcggcaaagg tgagtgtgtc gccggcaaat tcgcgaaact 300  
tctatttaat gtactcctgg ccaccggaca cctgcaggca atgtgatcaa ggccttcgac 360  
atggggagtt gccaccatga agctcggcga gcgcttgctt ctaacatgtg ctccaaactt 420  
acgcttacgg agctgccggc agcccgccag ccattccggc gatgctactt gattttgagg 480  
taggaatgaa attt 494

<210> 162  
<211> 224  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 162  
gctccagcga taacggtact ccaatgtgct ctctcgacg cacacagaag catcccgcac 60  
acgtacacca ccaccactgc caaaaagcaa atcctgcca acagccgcac ctataaaagt 120  
gggcgtgggt agaccaagt tactgtaaca aatttgcaaa aagtgatgca tgctaattgt 180  
ttaaacaat cccagctttc ctaatcaaat acctttgcga attc 224

<210> 163  
<211> 541

<212> DNA  
 <213> *Drosophila melanogaster*

<400> 163  
 gcacagccaa aactgaagat tacatacaat ttacaatggc cgacgagagc atcacgcgaa 60  
 tgaacctggc ggccatcaag aagatcgacc cgtacgcca ggagatcgtg gattcgtcct 120  
 cgcacgtcgc cttctacacg ttcaactcgt cgcagaacga gtgggaaaag accgatgtgg 180  
 agggagcctt cttcatatac caccgcaacg cggagccctt tcacagcatc ttcataca 240  
 accgactgaa caccacgtcc ttctgtggagc ccatcaccgg cagcctggag ctgcagtcgc 300  
 agccgccgtt cctgctctac cgcaacgagc gctcgcgcac ccgcggcttc tggttctaca 360  
 acagcgaagg agtgcgaccg catcagcggc ttggtgaacg ggctgctcaa gtcccaagga 420  
 tcagggaacg aatggccagg cccacgtcac gtcttccgcg cccagcagca aagcaggaca 480  
 gcagcagccg gccagcatat tcaacatgct tgaccaaggc cagaaggact acatgcccaa 540  
 g 541

<210> 164  
 <211> 497  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 164  
 atcgagttgg cataaaagaa tctggtcttc gtgtcgtggt attcattcct taattgcgcc 60  
 ttgtttaatt tgtgggtgac ggaaatcgga gctcggcgac atcgccagtt gtgcaatact 120  
 gactccagcg gtatctgtta atccccaacc acttcgcaaa cgtatcttct ttgccttgca 180  
 gatttgctga ctttgtcgtt cgagtactca gcgtttaacg accacaatga atcggcaggc 240  
 gaaattccta atcttgtgcc tctttgtggg cctcttctcc gcgaatttgt gcgaagaagg 300  
 tgagtctttg atcaaattac accgaattaa aatcgaattg aagacacgcc gaacactcat 360  
 ttctcaatta tgcactcgga cacacacaca cacacgcttg catgtgcatg cgtaccgtgt 420  
 gcgcaaacc ctcgcgtgtg tgccgcgctg cgggcatgtg ggtgtgtgtg tgcataaatg 480  
 tgctgtgtgt tggatgt 497

<210> 165  
 <211> 523  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 165  
 gcccgagaa acaccacga atgactacca aatcgggatt attgggtgat taggcttaat 60  
 tgggtggctat ctactgatg aggcgatggc cgtcagttgg gcaaggtagt aatgcaacac 120  
 ttttcacaca tctttggtgt tttctcgcgt tttttgttt aattacctgc tcgaaaatga 180

aatgtatcgt	attttataaa	tatcgataga	tatcagtggc	ggtgtgcccg	ttgatggtta	240
gcacaaaaac	accatccggc	taagagatgg	cattttgcgg	tataaaaata	ccagataaat	300
gctctagtgc	ctagttttaa	aaacattgcy	taaaatctta	aatattatta	ataagtaata	360
aattagtccc	tgaaatatat	gatcattcac	aattacaata	ataacaacaa	aagggatata	420
taaaagggca	ctgtaagaaa	agtcgatgag	taaagtctga	aacgccactt	atcgatatca	480
ccatgactat	gtggcagcac	ttaattcaaa	aaaagggcgg	cct		523

<210> 166  
 <211> 414  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400>	166	
tgtggaaaca	tttatcgata	attttacaaa ttagagggat ataaaaacaat ttggtatatt 60
ttcatttcat	acctggaggt	atattgcgtt gcacaaaagc ggtcacacta attgatagac 120
gcaaagtttt	aagtaaaatt	tggttttagt taggcaaagg taattaaaaa tgataaagga 180
gcgaaaaatg	taacaaaaaa	tgccgatatg ttgtattcta cgctctttta tcgatttttt 240
aaaatgcatt	tctcattgtc	cattcgatga aacacgtaag cggttgtaag caaactgaca 300
agatggcggc	cacatctgct	taattgaaaa tcgaaattaa atacgatata actagcctgc 360
cgacccaaat	tgcaaacggg	ttgggagctg gtgtaatcat aataatttgg aagc 414

<210> 167  
 <211> 570  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400>	167	
gtcgagtgg	tgctcaaaag	aaccgaaagg acgaagggtc cttcaaacag gataaacaag 60
ccaggcaaac	acgattgtca	ttggcgacag gctttaaaat ctatagcgac aagcttcgct 120
ttgctgatcc	tatattcatg	gcaaattcat ttaatttaat ctccjtaaat aggaatgact 180
taacatagtt	aattgaaaag	taaaatgggt agagtataac ttacacttaa ttatgtgtac 240
tttcacagag	ttaataaaaag	tactaatttc gaaatatttg aatatttgggt tattcagact 300
gatcagtttt	aaaattttta	aatcgaaata ccagctagtt gtaaatattcc aatcataatt 360
gggagatctt	aatgcagat	ctgcaatagc agataacat cgtcacttag acttcctata 420
aacaatacct	ttgcaaggat	tataataata agagaggcat tcggtgagac ttcaaacgag 480
agataacgct	cttgacagtt	gctcgactgc tcgtttggag cccgaatcga agccgatgcc 540
ccggcttaag	tcgatggcgg	ttcgagaact 570

<210> 168  
 <211> 601  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 168  
 cacataccta agtagacgca cgagagctct cgtatcgcca aaagcgtgtg ctttgttgtt 60  
 gctcttccac tccctcgctc taagaggcgc tcccgtgttg tttttgttgt tattgccgct 120  
 gagcaaatgg cagaccctct aagcggggcg cgctgggtgat aacatgtcgt aatggccaga 180  
 gaggtaagtg caaacgtgct aaaagcaaag caaagccggc aactacggct taaccgtttt 240  
 agttttcccg atcaccacgg taccgcaagt tactttgcc aatcagctg ttctcacttc 300  
 atcaccatcc cccatcattc acatctgcaa ccaacgggtg tagcctctcc caacattaaa 360  
 acagttaacc ctatgtcata tttttccaaa aaagttaac ccaacactac aacttaataa 420  
 taaaaatgct gcgtgtaaca aatagttatt ctctgtagga atgaattttt taattaagca 480  
 gtagaaacaa aataatcaaa aataatacta ggtaatagat tttttttaat aacatgcaat 540  
 ttgaccaagt aaaatttata atatattcta atatttcttt gacttggctt ttagaaaatt 600  
 t 601

<210> 169  
 <211> 467  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 169  
 gttaggacga aatgagccga aagaacggaa accaggacac ctttcccaag acggagaaga 60  
 tgcagcgcta ctacgcggag cgcgagacca caggaccgga gttcgggtgag ttttcctcgg 120  
 ttcgcaatcg gtacacaatg gattcagaaa tggaatctga gtaaccgggg ctcgcagaat 180  
 caacccccaa agccaaagga tgtgtcttct gcgcttaggg gttgctgttt ctgcggcgaa 240  
 gaaacgtaga aacggaatta gaaaaccgaa acagatttta acgatttttc ccacaaatcc 300  
 ttgctcccag acgatcgctt gataaagctt gtgcgcgcca atccggccat ctatgatgtc 360  
 agccatccgc actatcgccg taatccggtg cgggtggaca tatgggatcg cattgccaac 420  
 gaactgggcg cctcctgtga gtatattgca tttttatcca ctgcgta 467

<210> 170  
 <211> 288  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 170  
 ttgcgaaccg aacagaacgt gggtgaaaat aatcgtagtt tttatactgt tataacggct 60

caccatggtg cggcccaaca acaaccagct gccggagaac cttccgcagt tgcagaacct 120  
catcaagcgg gatccggagt cgtatagcga tgagttccac atccagtacc aacactttct 180  
cagcttgctg gaagtttttg cgctgaatcc cagcgaagaa aacaaatccc tggatgacat 240  
cgtcattgtt gtcgcccagg tggctcagt ctatccggcc gtctgcga 288

<210> 171  
<211> 350  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 171  
ggcttgctgg tcagctcgcc atggcgatac tatcgtcgga agtgcttggt cagcactgga 60  
cgtttgctga aacttgtttg aaatatttcc ggtcctttac gcattttaatt ctcttccgta 120  
atctatatatt ataatttaaa tgttcctttt tgttctttcc cttaccattt tccctcaaat 180  
ttgtttacaa tatgtttttt ggggagccgt gcagcactgc tttctagaga tggtagtggc 240  
gggaacgtat tggaactggg tcacctaatg ttataccttc aaaatttaca gggctagaaa 300  
tccagtacgt aactatttac ataaccaat aatattattt taaagaattc 350

<210> 172  
<211> 446  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 172  
cgccgtacag cgcacggatt gcagttgggc caacaacaag gcgcgagcat aaacagcgat 60  
accaacatgg ccggcttcgt cgcggtgcac acgggtacgt atcttggcca tggcggttcc 120  
gatccgccgg gcagacagcc agatgattga tgaccgctac ttgctctcag gggctgggaa 180  
ctgcatcgac gaaacgaagt accagcgggt gattaaggag gcctgcctgc gcgccacgga 240  
gatccttcgc aacggcggat ccgccgtcga tgctgcgag gcggccattg tgcggttgga 300  
gaactgcggc tacacaaacg ccggctatgg ctccaatctc tgcattggac gctctgtgca 360  
gtgcgatgcg gctataatgg gatggctcaa cgcttaactt tggcgctga cgaacgttag 420  
tcggtgaaga ccccatagac ttggcg 446

<210> 173  
<211> 478  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 173  
gtgcagacag agagagacgc gaatgtgaat taacaaacaa acaaaaatat tttgcgaaaa 60  
agacaaacac aaaaagtga agccaataaa gtgtattaca taaacaaacg gagctccgat 120



atctaaataa atattatgga aatcgcacca ctgatcaata acgccgtcgc tgctgtcaca 180  
gcctctgcct ctgccgccgt ctctgcctct gctagcgtcg gcagtagcag caaggatgat 240  
aacggtaggc gggctctctag atgataagcg gtacacttcc agtgggttca taataaacta 300  
taaaaataat aaaatatatg taaatacaaa gcataaagtg tagatacgtg ctcgaaagag 360  
tcacactttc tcgttaaaga acttcacgtt ctatccatat tatatgatta ttatgtttca 420  
aaatccttta ttaatcaaaa agccgaatta gacaatcagg aatatcttcc acccagca 478

<210> 174  
<211> 528  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 174  
gttgcgacca gcactcgatg tagacgtacg cacggatact cgatctccca gttgtatctg 60  
cgttagggcc tcgcatagtt ttctgcgtaa tattttcggc ttcgcaattt tgttggtatc 120  
ttgatgaaat aacgtcagtc ggattgtata taacccaaag cagcggcaaa tcaatgtcgt 180  
cagttgtata aataccacaa ataaacaaac acattcacaa agagtttttg tgctttcatt 240  
gcatagtgac caagtgtgtt agtcacccat acagtttatt tatgtgctaa aatgcaaatt 300  
caaaatcaca agaccaaaca agttgctaaa atgtggcaga ggaagccaat aagtgcgaat 360  
aaaaataaat aaatacgcgga agcgcagcaa aaccaaggcg cacaaaaagg attacaccag 420  
ataaataaca ctgaagccgg cgtaaaaaata gcaaaaacgc aaaaacacat ttcattgcca 480  
acgagcgcag aaagcagcag caacaagaac taagccaaca gggccaag 528

<210> 175  
<211> 539  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 175  
tccccgatct agcgagaata gttacgccgg cacgtgtagt tgagtaaaaa gttcactcat 60  
taacttttat caaccgctcc agtttgcatt taagaattaa aatggtaagt taaaagtgca 120  
ttgccccata tgaggtttag aagacagttt gaaatcgaag gatgatatcg gtttttcgag 180  
aaggttccac ggctttcggc ccacatccca ttccgccggc tgttgtgtaa tcaatgagag 240  
aaacatgaaa cattgaaaca tgggttaatt gttgggtctt ttttaatgat cctcaggccg 300  
ccgctatcaa gaagatcatc cccatgctgg accgcatact aatccagcgt gccgaggcgc 360  
tgaccaagac gaaaggaggc attgttttgc cggagaaagc ggtgggcaaa gtacttgagg 420  
gcaccgttct ggccgtagcc ctggcaccgg taatgcccg gagtatttcg ccttatcaat 480  
gcagagatgg tcattctaac actgaacatc ccattctccg cagtccatgg caaccacat 539

<210> 176  
 <211> 541  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 176  
 cgtgggtccga aagcaacgaa gcaaatacgg caagaggcga gcgaaaaagt gaaattgaaa 60  
 taattccaaa tcaaaaatca aattcgaaat cgaaaatcgc aaatcacaaa gttggaagtt 120  
 gagtgagcga acgcgtgtgt ttgtgtttgt gcgtaagtgt ccctcagtgt gtgcagtgca 180  
 acggtatcgt aagacgaaaa gtaacggtaa ccgagcaatt ggggtgtaag ctgtcagaat 240  
 ctgtgcgcag agaaaaccga aagttttggc ttgttacctt gccgtagtaa tccaaaatca 300  
 aaaccgaata ccggaattcac cgatcgccat cctggccccgc ctttcgactt tagtttaagg 360  
 cgctctgccg gcggttcgcc ggaacggtaa actcccccca caccctgctg cccgtcgtcg 420  
 ttagcatacc gataccgata gaccaccgcc gatagcgata ctttcgaaat tcagcaatcc 480  
 gtgccccatt tactaggatt ctgttcgggt ttaaccctac gaagaaggag caccgcggc 540  
 g 541

<210> 177  
 <211> 66  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 177  
 gccacgtgca ttcttccact tctttttttc gctcaaaatg gacggtcgcg ttttctgctt 60  
 gaattc 66

<210> 178  
 <211> 542  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 178  
 ctttgtatgt atcgcttgac gtatgcgcag tgtggccgaa cagggctagt gagaaatacc 60  
 agccggcggg tagatatact aaaagtgtat tatttttagt taaaacagtg cattgtcaca 120  
 taaattttta tagcctcttt attaaactat atgagcggtg attgccacta tgaatatcta 180  
 agcaatatat tacattacaa tatggcaatt atattggcat ttggtactgt cgaataaaat 240  
 accaaacctt gcagtgctgc ccatcagcta taccaaaaaa aaacttggca gcattgcgca 300  
 tcgtgttcat ttgaaatttc gaaacacaaa acattataaa taaattcaaa cgaaattagc 360  
 tcgccatgga aatgcgtacg ataaaaacag ctagacttta ttaatcaata acatttatta 420  
 ttacagctg aaggagtttc gattgctctt gcagaccgcg cttgaatgac aaaatgcatt 480

agttgggttc gaaatattaa tgattggcta acaattatga tccttattat ttatacccca 540  
 tt 542

<210> 179  
 <211> 519  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 179  
 ctccagccac actaacagct gatagggctg tcatcacgc ccaattagtg atgagcgtct 60  
 ttttttaaga aggtgacgca aaaacggaaa aattactaat taaaattaaa tgaaagaata 120  
 atattgtctt aaaaatatgt gctttttaag gatttaatta tcaactgttg ataaaaaggg 180  
 ctcaactttt taataagtat tatgaaatta cattttggtc caagaacgtt acctttaaaa 240  
 ttaaacaata tgattcaata aatttgtttc actactattg gtgttggtca actatcgaag 300  
 gaacctcaac tatcgattaa tgtgaccgct caccactgac caccactagc tctgcagtag 360  
 aagcaacatt tggcatctct actgggtatc attttcttga tccgttaaag tgatggattt 420  
 gagtgataat agcccagtg gagggatcaa tacttttggg tacaagcatg ataagctatt 480  
 cggcgaaaagg ttcccctggg caaggaaatc cgcaggatg 519

<210> 180  
 <211> 480  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 180  
 ataggggacg gcaatcggta tcgggtgacg catacgaaca acagctccca gacaaccaag 60  
 aaacgcaata gcagaaaaaa cttacttggt cgctaaattc gggtgaaaaa acagatcagc 120  
 caggatgagt ttcttcggga agatgttcgg cggcaagaag gaagtggccc ccaccaccgg 180  
 cgaggcgata cagaagctgc gcgagacgga gaacatgctt atcaaaaagc aggagtctct 240  
 ggaggccaag atcgaggacg aactgaatat agcccgcaag aatgcgtcta aaaacaaaag 300  
 aggtatgaga ggagtgcgcc gaggtccttg gcttcctagt tggtcactca aatgggcca 360  
 ggggaaatga ctcatctgctt tggttttggg gcggccgcga agcctgcttc cagttaatca 420  
 agtattccca tactggccag caaatagaaa actcaataaa caatatgtat ctcttttggc 480

<210> 181  
 <211> 593  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 181  
 cagtggcctt tattgtttat atatatcttg ttgcaatac atgaacaata tatgagtc 60

tattaaatta aaaaaattta tgggcaagcc agagcttatt taaagaccat aacaattcgc	120
tcgatctttt aaaataccaa attgacagtc cgaatataaa cggtcactta attcacttgt	180
ttacaaaata ttaccgcat attttcagag aaatttagtt ttaattacaa atttgaaaat	240
ccacttagcg tggagcctta aaactatgca acgcggtaaa atttccttcg ggaaaatcaa	300
attgaatgta aacgtgccac ccgcggagcc aaaatccaac gaaaccgagg cggaagatgc	360
aaaggagtcc actgaagcca gcggaaatgg cggaggattc aagaaaatgg acaaggagca	420
gatgattcgg cagatcgagg acgtggcccg aagatctgga gagccagcac ctgaggaagt	480
gatgggcatc agtggctttg gtcgcaaggc ggccaagggtg ttcgacatca cgagcagata	540
gaaaaggcga agagtacccg cccggaatgg ccaaaaaagg gaggagtcca gcc	593

<210> 182  
 <211> 446  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 182	
atttgaacca tcccttttca ctgtttctcg tagaggggat gtgaaaaaac cagcgactac	60
atcaacaaaa gcgtgtgtgt gaatataaca atctcgttgt tccctagtgt agttgctaag	120
aagcatttta ataattgtga aatcccagta ccgaggacga caacaaatgt agattttttc	180
aaagcacaaa caactgcagc acgacgttcg tcgcccttcg ggagcggttg tattggtgtt	240
ccgtgctgtt gtgtttgtgc taccaccttg ttcgatttta atgtgttggt tctgtttttc	300
acatcaaagc tccgtatttt cgtgcggaaa gtgtaaatgg ccgtgtttta aatattattt	360
cggaatggtg tctccgctat ataatcaagc tgtttgcaac gttagcgttg acgccacat	420
ttgagccac ttgtgtgccc gaattc	446

<210> 183  
 <211> 553  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 183	
gccccaaattg tagcgccctt gccactgcaa ttacccaat gttttatatt aaactgcggc	60
gcagttttga actcggaatc ttacttttca caacgggcag gaagcggcac aattttttt	120
caatttttgc aaccctgtc ttcgatgacc gcttagcgcg cgtctccttc gaactactgc	180
actatggatg ggattgatcc tgtccagcta ttacacatg ttcggttaca agagtctttt	240
tcggtgctta tgttgtaaa aataagcaaa aaccaaggag cattttatgg tggagtgggc	300
accgccatta atccacgcat gaagcgtgc cagaggtttt ttgggaaagt gtgggccaga	360

ctcttcgcag aattagtaca tgattgcatt ttcagctgat taccttaacg tgttggttgg 420  
 gtgctagcga ggagagcgga aggggggttgt atcacgaaat ccggatatat aatcggaatg 480  
 aaatcgggat ataaataact tattaaactg ggattataat ttacttaaga acacttttga 540  
 gatcatgggtt ggt 553

<210> 184  
 <211> 89  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 184  
 tgccggctga aataaattcg attgtgtgcg cgcgcgtttg tttgtgtgtc ggcattgtgcg 60  
 tgtgagtggag cagacaacaa aaggaattc 89

<210> 185  
 <211> 414  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 185  
 tgacagacca atttcagacg tatgtacctt catacatatt ctatacgtat gtatattttc 60  
 gtaccttctt tcgtcttaaa tcagcggatc tctgttttgg tttctggttt tctcaatttc 120  
 ttgcacacca aaatcaccga tatttgtgtt atttgttaaa ctgttaaaca ctttagcata 180  
 gacactttgc aatgctaatt attaaagcgg ttacaataaa ttgtaattga atttgattat 240  
 ttttagcggga tttgtgttag ctggctctat tccattcatt gaacaaaaat cgcgtctggc 300  
 tttgatttac ccgttgtgct gcgacgaatt tcaactttoga ctgcggaacg atttgaattg 360  
 gatggatttg ggtttgtgga ggggcctatg taattcaatt caaattcccg gggt 414

<210> 186  
 <211> 131  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 186  
 gacgccaccg aaaatcgacc ggccggaatt tttcgacta gtgtgcaaaa agtttcattg 60  
 gccaaacgag agggaaaaaa gtaaatgtct tccggaaaat gttatatcaa ctgaagatta 120  
 tgaatgaatt c 131

<210> 187  
 <211> 536  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 187  
 gtcttaagtg gtgaacacca aaaattcttt cgtaattttt cacacagcta tggatcagtg 60

tgaccgcggt aaagtaagaa aaaataccac acgctgcaga aaatatgata ttgatacttt	120
caaatgcttg agtagaccaa ataaaaacaa acaaagtgtc ctattgttat tcgtcgtaat	180
aattgggaaa taaactctag cttaaacaat aaagttctta aaataataat aaacatatat	240
ttttgttagc aaccgatata ccacatttaa aaaattaatg tacaacggtc accctacagt	300
gtgcaacaat caaccgactt aagtgttgga aaacaccggc ggaacactgg gtatcgaaac	360
cacaagaggg cgccacttgc gttgccgggc aacaaaaatg taaaaacaaa aaattttatt	420
aaaaaagttt attggaatct gcatgaaaaa tgtcaagcaa ggccggtaat ctgctttgat	480
actcaaaaat gaacgatttc aaatatcgga cactacaaat gatgctcgca atgaag	536

<210> 188  
 <211> 589  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 188	
gtctatccat tcgaaattca cttcaccaa acgcgacata cacatatgca aaaagagagc	60
gtatagcaat gagaagcgtg agcatcggag taaaaaatct ataaaagcaa ctgcgacgtg	120
ctcatttttg taaaaaattt agctgtgctg caaagagctg cccgagtggg aattaagtaa	180
cttttgtaca tttctaccgg ttccgtctcc acatctccca tccaacatgg tgtaccaggt	240
gaaagataag gtgagtcact tcaaccggat ctatggacgc atcacatccg tcatctattg	300
ggtaactcga tagcgctacc ctttgacccc tcagttccag ttacacgttt attttttcgc	360
tccggacttt gaaaatatgg cattggaagc ggcattccaa ttagcctctt actttgaaatg	420
attggattcg ctacgctttt tgccatacgc tcgcccgcga atagaaggaa ctcatgttcg	480
gtctagacga cgagaaagcg gagagcaaac gaagaaagtt ccgaatagca gcacagcgaa	540
atggataatg atatcattcc atggaccgca aaacgggtct taacggaac	589

<210> 189  
 <211> 533  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 189	
cgctagacca cgtaacgcca cgattttcgc cggatccacc gattcgattc gattcgccgc	60
gatcgtcagt gcctatatat acagttccca acggagccga gcgataaaga taaatgtgca	120
aaaacaaagc gcacttagat aaagatagcg aagttctccc atgtggaagg cacagtgcaa	180
gtgaagtgaa acgagaacgc agttttgaat aggaaatagc aaagtactca catatataga	240
gaacccgaga cttggagtca gaatgcaaat gtggcgagca taaagtcgca aagcgtgaaa	300

atctacgata tatacgagta tagtcgattc caagtgtcag ccaagtgaaa ccagtggtgc 360  
agccgaaacc aaaccgaatg actatgactt ctacggtgct ccaacggccc attcaagcca 420  
agccagagaa gaaggccttc ttcaaactga ccagcttctt gagagccgtt cacgatggcc 480  
tggtccaatg agaactgcgc ttctctgcat cgacaacatc ggacttaaca gct 533

<210> 190  
<211> 528  
<212> DNA  
<213> Drosophila melanogaster

<400> 190  
ctctagcagt atgctgcgca agtcaaagaa acagccacag acggtggccg agaaggtcag 60  
caagctgttg cccatccgaa cagagcgaca ggcgagagga ctcggaacttc gatgtggcca 120  
cggggccacg tctggtggac ttcgaggagg aggagtacga cctgccggat gcccgagca 180  
ccgacttttag gaagaggaac gtcaagctgc tctcggagca gagtgaccgc taaaaaggaa 240  
agatcagcag tgcgaaggag ttggatgacg atgaggatga ggatgatgat gaacaaggag 300  
tgtcctacga agaaagcgat gaggatgatg agaacttgac agactttaag cagaagttaa 360  
atgctggagg agctgaagac tccgaggagg aaacggctgc tggacattcc gaatctggtg 420  
aaggaagtga agagattgag agcaatttga cagactttaa aaaaaagttt gaggctggag 480  
attttaagta tgatgatgat gaagaggagg atgatgactc tgaggaag 528

<210> 191  
<211> 52  
<212> DNA  
<213> Drosophila melanogaster

<400> 191  
cttccaagta cttttcacat attgcaagag cgatttaata tcgtaagaat tc 52

<210> 192  
<211> 531  
<212> DNA  
<213> Drosophila melanogaster

<400> 192  
gttcagagcg tgaaaaatac gttatatgct gcaaaagttg tgaaacgaaa cgtatccgag 60  
agatacaatc ccattgggag agcgagagcc aagcaaagtg cagtttccag aagcagatac 120  
catttaaaca tatttataac ccaaccgaaa ccaaacaaat aataaaggct gaaaaattcg 180  
aatacaccca aaaaaacaaa ttttccaaca actcaacctc gacgacgacg attcgcaaca 240  
caaactattg ttggattaac atttttttcg atcaaggtaa gtcggtttac atatgctggt 300  
ttcatttttt tttttatggc catcattaac actcaaaagc attccgaagg ttttaagtga 360

ctcttggctt ttatagttgg tatgtagctg tcttgcagcc caaaaaccga caaaagttgc 420  
 tgtcagtttt ggatgtgact ctggctaatt gactcaagct ggtgttttca taattaagct 480  
 aaatgaaccg accggtagta caattgaagg ttccgtagat acatatttca a 531

<210> 193  
 <211> 560  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 193  
 agtgtgtgcg tgaggaagga aaacggggga ccgcaaaca cggatcgcg atttcgtctt 60  
 aagacaaagt cttgcgctgc ttatgcacgg tattccacgg ccttgccgac ggacttcccg 120  
 gttctggaaa accgcagcca ggctaaaacg agagaaggtg agagtcgcaa tatggcgaaa 180  
 aagatccccg atcccagcca aatcgccatg cgggtgtgct ccgcccacaa ttccgaaccc 240  
 cgcccgttga attcagcaaa caaaatgtat atttactgat gttttagaac tttgaatatt 300  
 cctctataaa agttgcacat atttcacacc ccaatgcatt tcatttctct ctcgctccata 360  
 aaacattcaa aatgtattcg cgcattcgat ctaacaaaca tttattgctt tcgaatattt 420  
 aaaatttatt tattttctat ttcacgaata tcatatatac atacatacca tatttgcaga 480  
 acatttggtt acttcccagc taatttggtt agatatccca taattgcata taattcctat 540  
 tcgcaacgga cttattaaaa 560

<210> 194  
 <211> 562  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 194  
 atccacgcaa ggaaagctta attcgagcga aaaaaaattt acttagctct taatattttt 60  
 aaaaacaacg ccctcgctgg gccagtggtc ggttaactag ttagctgtaa gatgacgcgc 120  
 gtaacgagaa gtgaaatctc cctggacatg gagttctggg tggaggagct gtcgccggca 180  
 caattggcgt actacgagaa gattactaac gagcacaacg cggatgaagg tgcactaaag 240  
 aacgcggtta gcgccaacga gggcaaggag ctgtttaacg gccaggtgtt ccaggcctac 300  
 tcctttaagg gcaaagtgtc gcaggagctc aaggaggcta cgctgcccac aaaaccaccc 360  
 aagccgacgg actctccctc aacaccgcgc gcccaaagcg gtggcacagg gcggggtcgt 420  
 ggcccgccca ccacgacaac catccaacat cgcctacctg gagtcctccg atgagggaga 480  
 cgacgatatg ccgctggcca agcgactggc gctgtctgca ggcaaaaaag cagtggccgt 540  
 ggccaatgca tcttcttggc ca 562



<210> 195  
 <211> 528  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 195  
 gttcattcgg tttttgaaat ttgaggcggt cgctgtgcag tgaaaagtga gactttctac 60  
 tgttcgcgta gaaagtata accaagccac ccactcagtg cccagactag caacacaagt 120  
 ccggcaaaat gggaagtaag taaccgtcat cgccagacat cttcccaaaa atcggggagt 180  
 gcagcggttt ttgtgtgaag tgccgccctt gcaatgccgc tcgcaccctt gtcgctcatt 240  
 gcttacgtat acaaaaaaga ttccggcgtgc gccgctcggt gtgtccgaaa atcgcaatta 300  
 attaaaaatg gcctgagaaa cgtaactaat tcggttgcct taattcacta tttgcagtca 360  
 agttcctggg aagttatcaa accgttctgc agtatactgc cggaaatcgc aaaaccggac 420  
 gcaagggtgtg tataaaaccg taattaagat gtaatcaaag tgtagctagg tatcccaatt 480  
 gctgctgtac catggaatgg tcgaattttc caacaattgc ggctttct 528

<210> 196  
 <211> 535  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 196  
 ggccagtagc caagtaaacc gcggcggcgt ataatacatt tttagtacaa tcctcactga 60  
 aaaccgcgca aaatggccga ggttgaagcc gtgcagataa ttgcagagtc tttgaagcaa 120  
 caggtaagag gatcacctgg tcgtccagtc atttgtccga ctttttggca ctgcactttt 180  
 ctgcacttgg gatattgccc aactactata tatctcattt gtgaacgggg gccgcggaat 240  
 ctgtggcgct ggcaagaaca atggagtggt ctcttatctt gaggcacctg tttgttgtgc 300  
 aaagttcaaa aacacttgggt aactgtaagt gtggttgttg ttgttttget ggtgagaatg 360  
 tcccccgatt actccggtta ataaaagacg gagcggattt gataaagacc atgttccaaa 420  
 ggtttgggac cacgacccaa accaattgggt gcttgcagct gcgaatatcg ccggggggca 480  
 gaataaaatc aataatactt taaccgggat tccgggcaaa tcacttaaga acggc 535

<210> 197  
 <211> 549  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 197  
 gtagcgcggt tgcacttgta atccgctctc tcacgtactc tctctctccc gctgtctctt 60  
 tttgccgcag cgaattacat tggcgcgcgc atttttcaaa tgttttttta cggcgaaaat 120  
 aacgattttc gtcgctgctt gttttgtgtg ctgaaaatat acattttatg actatgtaca 180

cacgcacagg aagttgagag gggatttga tgcccttgat caaggagatg tgtgggtttg	240
agttgggagc gtaggaccat ttcgctccgt aattctccct aatatccttt agtttggttc	300
tcagattaat atcaaaaatg cataaataat agtgacgggc cccttatttc tgttcaataa	360
acttgcttgt aatacagtaa atcatcagcg gaacaaaaac caaagggaact ctactaactt	420
ctctcttttt tcgcttccag gccaaatccg cagaatcaaa gaaggccaag aaggccgcgg	480
ccgccgatgg agattccgat gaggaaaagc tctggaggaa atcatcgagg gcgacagtga	540
aatcgaagc	549

<210> 198  
 <211> 667  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 198	
gccggcagaa aaggaagaag aagaagctca taccattgcc gattgctgtc gcgttgcgct	60
ttcttcggtt ttttcggctg ccgaaactta tttttgtcg ttgtaatat ttgcataaat	120
atataaatta aaacgcgtga cggaacaaca aacaaataac gaagacagca aaataaaagg	180
gcgaaaaatc gaaacgaaaa cgagtcgaat tactttcaag tgcaaatagt gtgcgtgggc	240
gtgagattgt gtgtgtgtgt tgtgtttgtg cgactgtgag tgcggtgtgt tgtgtgcaaa	300
aaaaaacaga acgtgcaaca agaagcaaga agaagagcca tcagcagctg acaaccagc	360
aataaaacga aatttcaata agtaagcaac atttaggcaa agctaaaatc caaaagcaaa	420
tcgaacaaga ggaaaaacta cttttggaag ccccgcaaag cagacgtaac aatgggcaaa	480
agcaacaaat ttgcggctct cagctaattg aaagcgaatg gtgggtggtt agagcaatgc	540
actcgataaa aaatactaaa gcaatggcat aaaaatacaa attagaacgg gcagcacagc	600
agacgaaaac catattccac tgggaaaacg aaaagtcaaa tgagagaaag agagagagac	660
cataatt	667

<210> 199  
 <211> 498  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 199	
gtttactcta aactcgtaac gatcccaaaa attcgacatt cggagtgcta agtgctcgga	60
tttttgaacc aaacataat tgtgaaaatt gagaaacttg cttagtgtca tttttggatt	120
tacacattcg gatttgtact gaacacacat ttctggcgat taaaaggtaa tggttttaac	180
tttactgacc tatctatcca tctattctat atctatattg taataacggc gtgcaacttc	240

cgttcaatat cgggccctcc tttctatttg ccacttttct atgaacacca cttgcagttc 300  
aatggatttc cactagtaca agtattactt aatttctttg cttaatccga tttgcgtgca 360  
ttgaactttt catctttggg tatttttccc tgttgatgtt gtagtcgctg gtattgggtt 420  
ttatctttcg tttttttttt gtgttcgact ttattttgca ccaacttctt gtggttgaat 480  
ggtttttttt tttgggtc 498

<210> 200  
<211> 550  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 200  
gtctgcagtt cgcggcgctc catttttccg ggatgttttc ttttggggag gaagtataca 60  
atctgtatat ctcgatatcg attaagcata taagttatcg gatgcagtag ctgccaggg 120  
gtgacatacg ttagtcaaca tatcgataac attagtagca ctttaccatt attaacatga 180  
ggggattttt ttaaattaaa ataattttat ctttgaaata atttatgtac ctaagtatta 240  
tttttttttg gaaataaaat atacaaaact ttgtcgccga ttttttcttc actatacaat 300  
gtttacatat attagatata aacctatttg tcttgtaaca aatctatacc ccaccaaact 360  
aaagatctat ttacaaaaca atttactcct cgtcaccaaa gagtcctccc agttccaaat 420  
cttctccggc agttccggtc aactgggtgt gctctgaata ccgtaagaat tttccgctgc 480  
ttttcgaact ccagcctgct catccgactc ggcggcgatg tgcccggcgt ctgggcccgtg 540  
tgaaatgggt 550

<210> 201  
<211> 527  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 201  
ggcaagggaa ttgttaattt tagtacattg cttagcactt catttaaacy cgcaaattgg 60  
tgacacaaat atcgatttat taaggtttga actatttaat ttgtcgcgcc tttcagcttg 120  
caaatagaag tatttacttt agacaatcgg atgacgcttt tgatttcgca tttgtttgcg 180  
actgtgtgtg tgcgacgagc cttctaattc cgacaaaaag aagaagagca ccattcgggtg 240  
gcctaatttg tttcacttct ccggaatcaa gcttttccga tgcttcttc tattaacctt 300  
tatttaatat gactcgccgc gttcgacgat atttttgcag tagttatttt ctttttcgtg 360  
cttgtgggag tgcacctctt ttatgcccgc gtttgaagaa gaagcacaac gtagtaagtg 420  
tttggaatgg actgcggaat ttaagggatg gggaatggcg taactcttgc aatcgatagc 480  
tcgataggtc cccttttcgc gtttcgcaac acttgggccc ggattttt 527

<210> 202  
 <211> 77  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 202  
 attcagatag aacggaagcg cacgaaatca cacgagatgg ctctgtacga aaccgttgag 60  
 aagggcgcta agaattc 77

<210> 203  
 <211> 562  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 203  
 ccttggctat tagtttgcaa atttccaagt aaatacgacg aatttggcga atcagcgaat 60  
 cactcgcttc ccatgctgcg gcacacactc acacgctacc acccacacga acgcatacat 120  
 atgtttgtcg ccggcggtcc gacaacgctg cggcaatgca actctgcctg gccacttggc 180  
 taattttggc tatttaccag ccaactactt tatagctagc tgcttatatc ttttcttttt 240  
 gattgttcca gtttaataat aataatataa tacaattata tttagaaatt taaatttttc 300  
 ataaattggt ttaaatatgc ttacgatttt tattcttatt tatttcttaa aatattaggt 360  
 gactgggatt ttagcaataa aaacaagcta tataatagca cagcctgcat atgaaagcat 420  
 ctctgctcgt gttttttgcc ttgactgggt ggcaactccc ttggttttct cggctgacga 480  
 aaaatttgac ccgaaataaa tcaattaaat tgaaagtgga gtgaaaagca aattccagta 540  
 aaaaggtgcc aggtgggagg ct 562

<210> 204  
 <211> 416  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 204  
 tttcggcttt aattcgcgaa aaaactgcag gaaatccaaa aggaaagtcc ctggaagcgg 60  
 ccataataac gcagccggtg aaaaccacag ggatttcac gccagctgtg tcgagcagcc 120  
 ctggatactc ggaaaagaag ctgcagcagc cgaagaaatt ttgagtgtgt gcgtgaggaa 180  
 ggaaaacggg ggaccgcaaa caacggatcg cgaatttcgt cttaagacaa agtcttgccg 240  
 tgcttgtcac ggtattccac ggccttgccg acggacttcc cggttctgga aaaccgcagc 300  
 caggctaaaa cgagagaagg tgagagtcgc aatatggcga aaaagatccc cgatcccagc 360  
 caaatcgcca tgcggtgctg ctccgccac aattccgaac cccgcccggt gaattc 416

<210> 205  
 <211> 550  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 205  
 gcgcggacgg tcggtttttg taattttgcc ggctaacaca cctttcgaac gacgcgtaac 60  
 ggtggccggg ccattaaaat cgccacaacc acgggcaatt cgagtgcggc gcgctaatta 120  
 tgcaaggctg agaactagcc acaaaaattt ggggggcagc aataaaccag ttgatttaaa 180  
 ctagtttggt agtgcgtgtg aaaaggccaa ggaatttggc cgaaagtagt agacaatagc 240  
 taggaggctg cgactgcgga ggattcaagt ccagaagttg tccgaccagt tttcgggtgcc 300  
 cgtgtgctcg tgtgtgtgtg tgtgtgtcgg gattacttgg attacctttt attttatgtt 360  
 ggccggtgcc ttcgaagcgg agcgaatgag ttggagcagc tagtggccgc agagagatca 420  
 agagtgcgag agccagcgag agatgccctt cgtcagcgcc gtggtgcaac ccgtcaatgt 480  
 ggcccaagcc acgcggccag tttggggcac gcattcggac gattccactg cacgccgggc 540  
 aagtgccgga 550

<210> 206  
 <211> 590  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 206  
 caccacccga tctggcgccc gatctttggc gaagcgagct acgtgttaag ttctcggcgt 60  
 gatgactata acaatgagac agtttactta tctggcttac acttcaatag gaaaacaata 120  
 cttttatata gcttctataa cttcgggggtg cgataagaac atgaatacag atacacggat 180  
 tgcaacagta cccaagccac ttgttttaaa caaatacagg ataatgggga gtaatgtaag 240  
 ctattgactg ggttacaatc aggggtctga taacaatcaa acattgtcca gttgcctttt 300  
 gcgaatatca atgaccactc acgagttgca actgataacg attatcgccg cacaatgcag 360  
 tgggtgggta tttcactggg gggaactttt gggtccttag aaccagacg gattactcaa 420  
 tgaatatagg cgatatgttt gggtttacag cgaaagtgtc attaatgtcg acccgatatgc 480  
 tctctttcga tgtgccagct ctctatttgc gggaatgaat gactatttta tgggtctggc 540  
 cgcgctgcta caatgctgca ttgctgcagt gggacatcct ttgacaggcg 590

<210> 207  
 <211> 312  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 207  
 gaacgcacaa tcacaagcgc cgctcgcgag aacgagaacg ggaactcgaa agaacggaga 60

tcgctggtcg gagaaccgtg gaaccctggg aaccgtaacc gtgaaagtgg ggaatcgaag 120  
atagaacgga gaggggtgga ggccgattcc ctctccccac tgcccgttga aattcagaat 180  
actaagctct cggttaaacg cggcgaaaaa gaaagcaagc tctgagcggc tgaaaaaaaa 240  
atgaagtgaa ataaaactgg ggatcgcggc accagcaaca agtttttagtg gctcttcttt 300  
gtgctgttttc gg 312

<210> 208  
<211> 311  
<212> DNA  
<213> Drosophila melanogaster

<400> 208  
ctcgtgtggc tctcatttgt tttgatttct cggttacata ttacttaact aattagaatt 60  
tattatgaat ttttcattga atttcacaac gagaaatcta gtgccacgac tgcaccgatt 120  
caccagcaag attgccgtgg atgttgaaac agctgtggtc tctgccctgg aacatgccac 180  
actgaagccc agaaaacatc ccggagtagt gagaccaat catatggaac tgccgaaaca 240  
attgaatgat acgcttaagc gccatcgtgg ggggatcatc ccgtcaaaaa actaatccac 300  
gatggccagc c 311

<210> 209  
<211> 359  
<212> DNA  
<213> Drosophila melanogaster

<400> 209  
tggtgaacaa tattttaaaa acatccaggc aggtgcttta tcccgtggca aggactttca 60  
gccgcagcag caaccacggc aatgtgggga ccgaagctgc tgcgacagtg ggcgcacctc 120  
cggcgacaag atcaccctt attctgccgc aagattacac agattgcttg ccggtgagca 180  
ggaacacggc gcgccaggca tggattgaga acacggatgc tgtggcggag cgaaagggtg 240  
gcctgattga actgctccgg gatgtctttg ccgccagcc gcgcgtggac atcatacagg 300  
aagaatgttg gaagtgggca gagcaagtat cgttatgtaa gcatggcgca caccaaact 359

<210> 210  
<211> 415  
<212> DNA  
<213> Drosophila melanogaster

<400> 210  
tttcggcttt aattcgcga aaaactgcag gaaatccaaa aggaaagtcc ctggaagcgg 60  
ccataataac gcagccgtga aaaccacagg gatttcacgc ccagctgtgt cgagcagccc 120  
tggatactcg gaaaagaagc tgcagcagcc gaagaaattt tgagtgtgtg cgtgaggaag 180

gaaaacgggg gaccgcaaac aacggatcgc gaatttcgtc ttaagacaaa gtcttgcgct 240  
gcttgtcacg gtattccacg gccttgccga cggacttccc ggttctggaa aaccgcagcc 300  
aggctaaaac gagagaaggt gagagtcgca atatggcgaa aaagatcccc gatcccagcc 360  
aaatcgccat gcggtgctgc tccgccaca attccgaacc ccgcccgttg aattc 415

<210> 211  
<211> 89  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 211  
gccagaagct tgttgctttc tccactcctc tttcatcctc gtcattgtgtg tgagtgtgca 60  
agtgtatgtg tttgctaggc ttagaattc 89

<210> 212  
<211> 488  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 212  
caccggacgg ttgaaaagtg ttctgtgaaa aaatccaagg aaaattttgc ttgtttcaga 60  
ttttgtcaag tcatggagct gccttcaatg gtggagcggt cgggtgatcg cttggtggtg 120  
cgcagcttgg ttagtggtgc tccactttat cagtcattcta ttgagggcgg agcaggtgct 180  
gtgcttccta tgtcccaaag cgtgcagccg ctaataggtc aggacttttt ggagcaacaa 240  
ctggagcagt ataaggcgaa taactttatg tttccactat cgatggccgg gtttgtttac 300  
gcagactctg caccaccggg ggacttgcc aaggaaaata tggagaactc actgccagat 360  
ggtaatccgt gcaacaacaa caacgacgat gagctgccgc agtgcaagat accggcgtaa 420  
ctacagctgc aaccagtgcg cattcttcac gcaaaatccg cgcagtcac tctcgcatct 480  
gcggggac 488

<210> 213  
<211> 170  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 213  
cgcgacgtaa ataccagacc cgagcggaca ttttttatgt gtggagcgcg caacaagaac 60  
gagaaaagaa accgaaacgg aaagcagaca aaaagagctg ctgccagtgt agaatcgcaa 120  
agcaaagaaa gaagcaagtg cgtgtgtttt taaaccgaag ccgagagaat 170

<210> 214  
<211> 480

<212> DNA  
 <213> *Drosophila melanogaster*

<400> 214  
 ccttagcggc gttccattca aaaactgcc a ttaaagatta aaactctgga ttaaattggcg 60  
 ttatcagtcg aaattgaaag ggtaattggac cagggcaact gcctgatgcc cgacatcaat 120  
 atctgccaaa gcgacttggc caatcccacc gagcccattg tcaccaagat catggtgcac 180  
 tatctgcgga gtttcggctt tcgcctggag ccgcctata aaattggcac cgaactcggc 240  
 cactcgtcgc gggaggcgcg cgtctttctc atccgagtgt gccgccaagt ggagcgcac 300  
 gtccagatca gctttcccaa caagacctac agctatatgg acataattaa accagggtgag 360  
 ccggcagccg gtcttaagaa cattaaatgt aggaatttag atacaataag ctattattat 420  
 taaacaattc tctaccatta gctggtaaaa aaacgctcgc catctgagct acctttttaa 480

<210> 215  
 <211> 471  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 215  
 agcctgccag taatgccggg gtggatTTTT gttcttgctt ctttttcaat tcacttcggt 60  
 ccattgcatt ttagtattgat gttgttggtg ttgctttatt cgtttccttg cgggagaaca 120  
 tttccaattt tcattcctttt cgtgggtttt tctcaaattc ggggttttct tttcctcttt 180  
 tcgcgtcagc tacgccgttt gttatatccc tctctctcgc gctcttgccg tcttgccgctc 240  
 tcgtgctctc tcgccggcat gagcgcgcac gagcgagacg gcggacgcag agatgagtga 300  
 aacagctgta agcgtcgatg agtataaaag gcgggagcac cggcgagaaa ttcatagtag 360  
 cttcgaaaaa aacactgaca cagtacacaa gaaaacagac tctcgcagcc agaaaatcaa 420  
 atgaagcagc agcagcaaaa acgtgcatag ccagactttt tccactgcta a 471

<210> 216  
 <211> 439  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 216  
 gtgcgaacta tacggcttca gcacgcgctg ggcaactact ggagcaccga ggcggacctg 60  
 ccggttccgg tgccgacggg gggccacgcg gacaacccca aaccaaagcc gacatcgagc 120  
 agcggagcaa gtgcatcggc atccgctgct gggggccacca agagtgcgga ctcagccgctc 180  
 gctacctcgt cagcttcggg ggacatcgca ccggcagcga ccaaggccaa gccaaagtaa 240  
 gcgataagag ttgcaagggt cgcgataaat agtaatatat ttctctcca gattcgcaac 300  
 gcttagcgac atgtcgaagg agtcgtctag tgacgatgac cagcaggcct tctatgccgg 360



cggtcagat cgctccggtc agcaagtgtt gggcccgcca agcgcaagaa cttccgggag 420  
cagctcaccg acatgatgc 439

<210> 217  
<211> 312  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 217  
ggccggcaaa ttgttaaact ggctgaaatt gtttaataatg ttttaagaaa ttgcgacacc 60  
aattaaacca ccgcaatgtt ttcgatgtgc aagcagacgc actccgccac ggcggtggag 120  
ttttcgatag catgccgctt ctttaacaat ctggatgaga acctgggtgtt ggcgggcgcc 180  
aatgtactaa aggtgtaccg gatagcgccc caacgtggag gcgagcccag cgtcaaaaagc 240  
tgaatcccag cgagaatgcc gtctggcgcc caaaatggcg actgggaaat gcctagccac 300  
atatacgtc ta 312

<210> 218  
<211> 501  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 218  
ctgtgactg tcaaatgccg gcggccttag atttttcgac tattttcaat aaaattgtga 60  
aataccagtg aaaaattaaa gcaataaat aaaatgcagg agcaggagat ggaggtggaa 120  
gtggggggacc cggcaaaggc gtcgaatttg ctgcggctca tcaagcagct gctgctggaa 180  
aaagcttacg atggcgtgcg gatgttgttt caaagtgcc aggaatcgga aaagaacact 240  
cggtgctgc cccacatagc cattgggatc tataccttga acgtgtgctt ggaaaacatt 300  
tccgaccgag gtgaactccc aggagccaga actattcgac tgctctgacg agctgctcaa 360  
gctgctggcc caagtacgcc cactgcatg agcttatgct ggaactgatg gaacgcttgg 420  
aagagagtta gcagattcaa atgggtgttc gcgcctatct gcggccttac aaagttgtgc 480  
tgcaacgaca gggacgcaca g 501

<210> 219  
<211> 586  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 219  
ggtgcgaccg gcatgaaagt gacgaccggc tgcaatcatc aagccaatgg cgagatcggc 60  
cactgcattt ttcaccaccc cgggagtgtg gcccaatggg attccccctct tctggaactc 120  
cggaatatcc acaaaaatcga ttccggagga catggtgtc acgcaacgca gctgggatcc 180

agcagcatcc aggattccgg cattcagggg ctggtaatgg gcccaataga tggcatccac 240  
gccggggcacc ttctgcagga tctcatccct cgagggcggc acactctggc agatgatggg 300  
ctccgctcca cgggatcgga gcagttccag agccggtgct gggacatttg ggtgcgaaat 360  
cagcacttta aaagccctgg tcgcacgaga catttcgggg gaaaatatag cacttaatat 420  
caactagtag cggcgaattg caaggctgaa ctaaagtggg aaattttcca aatgaccatt 480  
caagcttttt ctgtgccccg ctcttaagct ttaaaagggt ctcttaagct ttacatttt 540  
taatttggtc tcactttttg gaaattcaca ttactatttt ctggcg 586

<210> 220  
<211> 176  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 220  
gaaggaagta agtagcaggc gtaattttat gtttcataag aatccgattt aagaatatat 60  
ctcaaccaa ccagcgcgat ggcattcggg gactatccag ctgagtacaa cccaagggtg 120  
cacggggcct acgaccccg tcgcttctac ggcaaagggt agcagggttac gtaatt 176

<210> 221  
<211> 169  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 221  
cattaaccag aaccaacaa tgtttgatct tcttatacgc aatataagcg atacgttttg 60  
ttttaacctt cattatttta tgaactgatt attaaactgaa atggaaatac attgaacaca 120  
tctagcttgt taaacgtata atcgatcctc catgtaaaga taaacgctg 169

<210> 222  
<211> 546  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 222  
caagctgggtc gacttaaagc ccgcataacc gataactgaa gtgggagagg taatggcact 60  
tggtctctct aaaacttgct gcggtatttg gcaggactag ttgggactcg aaccagggcg 120  
tgaatctttg cttgccaac cggtaaactt aaccgggtgc taaagtgggc caacattaat 180  
aatatttttg ttgaatgttt cataaaagct attttaatat aaattcgcat cgttaccgat 240  
tcaataagggt ttagtaaatc attatatttc tgactccata ttgatttcca acagcaaatt 300  
aattaactcc ataacttccc ctctcccttt ggagcaaagg atgtagttaa tatcttaaca 360  
tctaaacttg tttcgttttt ttattcaaat aggagttata ttaaatagaa atgtaaaaaa 420

caaagcaggt tttaagaaaa tgatgtcagg agatttgaac tcctactcat ggtccactct	480
aatccgcagt ctttgcaatt tactgtgttt ccaacttaac gcccccaagt taatagccgt	540
aatcat	546

<210> 223  
 <211> 474  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 223	
gtaaatcaaa cacaaataga ttgcttctga aaattatctg gaaactcaga gctccgaaga	60
gacgatgtga acacgacaag ccaactccggc agactgaccc aaacaaacgc cggcatttgc	120
aataatatta ttgtctaatac ggtatataca tatcatacaa gtaaccattg atgtaacata	180
cttttgggtg taaggaatat atagttgaaa agtaattcag aaaacatgca ataactacaa	240
tttattaaat attaaagtat cttgctaaga ataatgatgt gcaaatgcgc cttttgccag	300
agccatagtt atatcatatg cgttttgtat tctaaaatat caaaccaaata aagatgaagt	360
taatataattc gtagtacttt aaatcctgac ttacacgtca cttgtcgtct gcttagttgt	420
aatattctaa atcttttggga ttaatcagtg cagagttctc aggatgacct acat	474

<210> 224  
 <211> 534  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 224	
ttgatgctgg ttgtttaact tccataacttg tctctctcgc tttagctctc tcttaggagc	60
cccaactaac actaacagcc ggggtgttcgt cccctcttta accacttttt ctcttactct	120
ccgtctctca ctgcgaaagt gcagcgtgaa gtgttgataa ggggcacggc gggggataca	180
ctctccggga tattgcgctc tctattgggg ctctcttaca ctctcactac gcgttggact	240
ttcagttcat tccatgtgca aaatcagaat ctgatatctg aaatacaaaa atgacaaact	300
attgtgttta gttttgaagt acttatacta acattgatta attttgcata gatatgcat	360
tcatatactt acatttttat atgtttgtac gctatattca aattttaaat accgacaatt	420
tcctgatttt actttacgct acgtgttgtc tgaaaagaac caataatcga ttgattgtta	480
tagtttgtaa taaattcgct ccgcaagctt ctttatttaa gtgaccaatg aaca	534

<210> 225  
 <211> 507  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 225  
 ggggattctt acgctcacgg actttcttct tgtactcggg atcgctgcgg cgcttcttgt 60  
 cgaattaaat gcattatcca ataaacagag ttccagctac tcccgcgtgca atgccgattg 120  
 cagttttgtt catttcaatc atattactac ggaaatcctc tgtattaact tggctcttatt 180  
 ttacattccg catgtgccat cgatttacat aaaacaaaaa tcgatatcgc ctacaactac 240  
 tgttgtttca tgtttttcac ttgtttcgca ctaatttgaa acggcggact ggaacactgt 300  
 tttctttttt aaattttgct aagggatatt tatttaattt taagtaagag attttaaagt 360  
 atttttttta gtttattcag aaatactgtg ggatcaagtt ataatacgct aagaaataat 420  
 cgtaagctca cttcttgtat tatatttatt aacttgcatt attcgcttaa aatcccctat 480  
 cccccaaaac taatgttttt aattttc 507

<210> 226  
 <211> 376  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 226  
 cgtgagtgtg tacaaaatac aggcagcata caaaataata atattgaaag cgatacaaca 60  
 acaaaggccg tcccgtcgaa gacgaaacgt ccaaaacgga agaactggag agcctgtcca 120  
 gttaattacg gagcaciaag tagaatcgaa cagcaaaggt gagagagaga gtgaggaggg 180  
 ataggggtca acctggctct ctgcgaaaga agacgggggc gaggagcggc caaatgatg 240  
 atgatggaca ccatggacac ctgcgaatcg cagccgatgg acgtgggtcc ggccgtagca 300  
 gtggcagcca cttcgggcgc agctcttggg ggactttacc gctgccattg gtgaagcatg 360  
 gcggccaccg cctaag 376

<210> 227  
 <211> 487  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 227  
 gaattcacac gccaggcaac ttttaagtga aagcagaaat tgatagatgg aacatgcggt 60  
 gataggtatt tctcgatga actgattctg atataaatac taaggattct agatgctaaa 120  
 ataatattta ttaagctaca aatatattta tatataatat ttaaatttc ggtggcggta 180  
 tctaccgatg cacgctagat ggcgctaccg atggtgcaag gctgccattc gtttatcctt 240  
 tttgacaata tggcagcgct ctaacggttt tttaaatttt aactttaaat ttgaaaagat 300  
 attatttggt tggtttggtc gttttaaagt gcatccaact agattatttt agttataaga 360  
 aaatgcacct agttaaagct tgctatttga atttcagata gctatttatc ggcccattct 420

aacgcaat t cgcacatgc gcctggagga tgctgtacgg aaatacctgg tgctctgggc 480  
catgatg 487

<210> 228  
<211> 354  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 228  
tctactgacc actcaciaat cgggactgaa cactaaaaac tgaaaaactga aaactcggac 60  
tcgggcgcgt aaggagtcg gtcgtcggga gtcggtcgtc ttttggtgat cttgaaactg 120  
aaattccaat tggtgattta tctctcggct gctgcgccgc ggctgcgctg ctgcagcgca 180  
gtcccaactcg atttgaccag cgaccaagtt tataaaactt tgagccaaaa tgcagcggcg 240  
cacagttggt accaaaacgt tgcacgcgtc gtggccctca tcaaaacaaa aaaaaaata 300  
taagcgaaaa tgaaaacgaa attcggttaa cgtccacaga agctgacaaa aggc 354

<210> 229  
<211> 471  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 229  
gtacgaacca tgccactttt ttttcttctc tttttttgat aaagaaatgt gcacgaagaa 60  
tgttaaaacc ccagacgaat gaatcacaca caccagctca cacacacaca cactcacact 120  
gaggccggca catgaatcgt cactgatttt caagtagaat ttttgggagt ggttcttggc 180  
ctgcagtcac ccaactacat acatttgcta tcaatgccag cttgtattaa attaataata 240  
taatattata aatatttttt ttatgtaaaa tgcattggaa ggcaccgcac tcacacacac 300  
acacagttgc aagttggcaa cgacgcgcac tcacctttta atatgcgaaa ttaatcaaat 360  
agtagatct ctgaaaatta atcactgaaa agttactgta tgtttatatt tttaacaact 420  
ttttgaataa ctaacttttt taaaccaagc caataatata aaataagaat t 471

<210> 230  
<211> 480  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 230  
actacaacca aacaaatatt taaaagtga tgacaagtgt gaccgcgggc gaaccgttaa 60  
aatatacgaa gaacggctga cagggtggc gagtgcatgg gcacagtttg tgactgaagc 120  
cagaaaaaat actaagcgtg actaaaatta gttcagtgta tacatgttaa aaattactta 180  
aatatttttg gcaatataag tgaaaacaat acttataccc gcacatcatt tacagtccta 240

ttgacatttt	aagttgtaaa	tatcgaaact	accaaaacga	aatatttgg	aaattatgaa	300
gccctgacaa	ctctgtagtc	gataggcaaa	agagctcgca	ccatgagcct	atcgtttctca	360
gctgttttga	acccaaaaca	aaggggaagg	actatcaatt	ggaaatgttt	ctgggtgagga	420
ataataagtt	ctgaagaaat	gcaaaatatt	aaaaagctga	acggtccagt	tcattccagcc	480

<210> 231  
 <211> 625  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 231	
ccaaaggcat	ccgatactcc cgaacttatg cgaaaaattg tgtcaaatag aaatttactg 60
gttcgtttat	tgtggcccgt gtgaattgtg ttaataccgt ccgactcatt gaaacctttg 120
gaatattcca	agcttaaaac acttgaatag ttcgccgtca acatccaaaa aaagattata 180
tacttttaggc	tcattgttcac aaattagata tcattgtaac aaatgggggg atatgtttgt 240
gtttatggga	aacttgatca catcaaaca acaacgtaac gagttcaaaa cattcttaaa 300
cacaacaaaa	catttgcaca actaatacgt aatactcaac acaacattaa caaggtttct 360
gtagatacgg	cttaagaata aataagagtc tgtaactaat taatgtaaca taaaatatgt 420
actaagtctg	atagtaatgt agcgtacgga tcgcttaccg ctaataccaa atgtgagagt 480
tagtcgcagt	gtggccacgt tacactttct acctgttgac actttcatgg tcaagatgtg 540
tccgccgtcc	accagttttt ttcactttcg ttataaaaat cctacgaaat tatatttcaa 600
cctttctaca	cgcctttttt ttgaa 625

<210> 232  
 <211> 435  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 232	
aaaatactat	cgtgatcatc tccccactcg ctctcaccca ctgcctaaa ataatggtgc 60
catcaagagc	gcagcgcacc tgccgtatat cgttctcttt tgcactcgct cccgctcttg 120
gagcactcga	cagcgcgccc ggcagcgacg tcgagccggt cgagcattta agcttacgac 180
ttgacgaaaa	tcaaatcaaa agatcgacaa cattcgacga gtgcagatca ccagctaaaa 240
gaaaaccagc	tgagacatcg gaaaagtccg cagattttca cgtaacgcct taaagatttt 300
ccgtgcgggt	cccgaacaaa ctaaacatta ttaacaaaca ataaacgaat ttgtagtgtc 360
agtgactttt	gaacgcacga acaaattccc aaacacacca ccaaacgtga ctgtataatc 420
agccccaaga	aaccc 435

<210> 233  
 <211> 393  
 <212> DNA  
 <213> *Drosophila melanogaster*

<220>  
 <221> misc\_feature  
 <222> (1)..(393)  
 <223> n = ambiguous/unknown nucleotide

<400> 233  
 cgctattaac tgttttgatt atatcggcgg tgataaaacg accggcattt gttgttgctg 60  
 ctgctgctgc tgctactgct aatgtttcgt tctcggncgt tccccggccc gcttctgcac 120  
 ccaccgcccc gtgttccggt cccctgccga agcttcggcc actgctgctg ctgctgctac 180  
 tgctaaatac gctcgtatta ctattaacac tattctcttt tgttttcgcc cgtttcgccg 240  
 acgactgcag cggcacgaat gctttgtcac acttgcgctg ttttcgccga attatggcca 300  
 ctttttgccg ttcttcgccg ggccggccaa ttttggaagt agttgggctt ttttttgtg 360  
 aatttctgtg atttttccct tgcttttctt gtt 393

<210> 234  
 <211> 522  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 234  
 ccaatccaaa tggaatgcc ttcaatgctc gtctgcgatt gttgaatgtt taaacaaacc 60  
 gatcggcgca caacacaccg tcaccatggg caataagtcg tcgcttttcc tgcggaacga 120  
 ggagatcgcg caaatccagg aggagactgg ctgtgagtac gatttctggt cgggatgtgt 180  
 gataaccttg ggctttttca accggagact ttcaatgcgc cgtactaaat cgaaatacgc 240  
 acttgगतat aaattaattg ggccacgagc aatgcaaaca acaacatcgc actggagtgc 300  
 taaaagcatt tcgggtccaa gaccatggga ttgccaaaat ggattcgctt agtttcgatt 360  
 cgtcatttct ataaaaattc caaatctacg aactatatgt tcgtgttcta aaaaactccg 420  
 ttcaaattat gcagaactga gtctgagcga tctgtgcccc ctttatatta gcggtatatg 480  
 gacagatggg ttgcagcaaa agcaatttgc atttcaatgc cc 522

<210> 235  
 <211> 596  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 235  
 agtttcccc tgctcatcta acggtgagcg catggcccca aaattcaagt acaacacaaa 60  
 cacaacacaa cgagggggccg aggtaaaaag cagcagaaaa gccagcagca gccgcccgt 120

cataaatcta gcaagaaaaa cctaattaat tcaattaatt actaccaaaa tcataccggc	180
atacggttaaa taaaaacccg ttcgggtctaa ttaaaattta ccaaaaatca ctgctttcat	240
ttaaagcgat ttttaagtga attctattga tttgtataat tacataaaaa gtgttgcgga	300
aattgactct ctctatcttt ctctgcaa at tttcacgcgc cgatgaaaat tcgcaaaaga	360
tctgtattaa atcatcaata aaaatagcga aactaacggt gcaatgaatc cagctgtttg	420
aaatccgcaa cataaaaagca aaaaacacaa aactataaaa caacacgcac cgaatcacac	480
ggaaacaaca acaacaatag gcatgctcct tattaatatg tacgaaaaaa cattaaacat	540
aggaactgcg aaagttaata atggcatatg aatggggaaa agtgaaatac acacca	596

<210> 236  
 <211> 473  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 236	
acaccacctc aaaattgatt actcctaaca aaaaccgaaa aaatacttga aaaataccca	60
atcaacaaca gcacacaaca aataccaaca ttttccttat acaaacctca tctgattagg	120
ttcttcgtga aactttcagt tacagcgccc tttttagagc agttagatca cagtcagtta	180
gtcgagagtc ttaggggttat ataaacacac catttacagg tcctcacagc actacaaacc	240
aaaaactgca agcaatcaca ccaaacaaaa gcgttatact ctaaacatta ctcttccaaa	300
ccaaacccaaa accccaccaa atcaaaaacc aatccaaatc gacacgaaca cgatcaacga	360
aaagatgcct ataggtatgg ctacgatgtc ggtaagacgg caacttccat cacgaagaac	420
ccgcggtccc gaatgggagt tacctacggg tggctatggc ctgatcgaac ccc	473

<210> 237  
 <211> 141  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 237	
ctaattgcttg attgtgatta tctggaatat tccactggaa aacgtgccgc ttcccactca	60
ctgcagtcac agtctacttt cggttgagtg agtatgtgtg agagaaaacc tgcgtcctct	120
gtcgcgggggt cttgacactg a	141

<210> 238  
 <211> 355  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 238	
ggctatgggt tattgaccgc tcgatgtctg cgtttgggat tgcgggtgag acgtaggaga	60



agtacgcggtt gttgcgctga attgagagtc ggcgttcgtc atgctcgcgc tgacgctggg 120  
 cgcgagtgtc attctgactc atagttttat tatttaagat aacaattcac tatgtattta 180  
 agcgatcttg catcgcatag agcgtctctt tcgctttcag attttttatt tagttttatt 240  
 tatttgccgt tcacttcact caaaacaacc gattttgtgc ggagcacgaa aaaaacgtct 300  
 tcacacgtcg gggatcgaat tatttatccc cgatcgaatt atttatcgtg ttctc 355

<210> 239  
 <211> 626  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 239  
 caatatcatc gcaatcgcac tcgagagccc tataaaccgc atagagtgcc aggatttttt 60  
 gatatccata tcgtgcgcgc agctatacta ttttccccct ttgttgacgt cgcattgtcg 120  
 tcatcgtcat cttgtgaccg tgtctattcg agtccgaaaa aagaaagaaa agaaagtcgt 180  
 aaaatataga aaagaaaact agttggggag gaggagtcgc acacacagac acacacatac 240  
 acagccgagc ggagccccca cagcacaca cacacaacca aaggcgaatt gcagtgaagc 300  
 aacaaaaaca acaataacag aaacattgca ggtgagcgaa agagtaggtg ggagggggcc 360  
 acaaacatat tttctgtccc tctttctctg ttggggcttc tttttcttaa ataataattt 420  
 tccgtaatta tagatcccc ttgtctaaac gtaattcccc gctaaccgtt ttttacaact 480  
 ttgcttattg atagcgcttc ctttggcctt tgctctttgt tgtttttttt acaattgaaa 540  
 actgccgtta gccggtcaag ttgattagtc catttggatc cagggttgcc aggggcttgg 600  
 tgaaactggt ttattttggg aagggg 626

<210> 240  
 <211> 433  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 240  
 ttgggacgtg tctcagattt ctatcgacta gacatcgccg atattcgaaa atgctcttcg 60  
 aattatcgaa atgtaggcac actgcaattt acgcgcgcaa cgcaaaaatt caaataatag 120  
 aatatttggc tcaacaagac aggagacttt agatggaaaa atagaatcca caaaagcaaa 180  
 actatggaat aactaaaacc acttttcata aatagtacac acaatcgatt tatttcgttt 240  
 ctttttgtat ggcaaaaatt aatacaaaaa attaaatatt aaatgtatgt atgtatgtat 300  
 aaaaagctta aagcaaacta tataatgtaa atttaattgg ctgtttgttt ctctcccgat 360  
 tgatctgtca gtatgggtaa gttagaaaga aaaggcaatc tcaagaaact catacggaat 420

<210> 241  
 <211> 401  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 241  
 ttcgtgatta tcagcgtaa ttgtacaata ttatgattta ttcgagctgt aaatcttcac 60  
 agcaagcaca aactgtaatt ataccactta gaattccatt ttaatggctt tatttatggg 120  
 gcgtgcatgg gcagcatttt ctcgcttttt attttttttt tcttgatttt tgtatattta 180  
 tgagagtgcc gtctccggcc acaaaaagtt aatcccacta aatgccgttg atagtttata 240  
 ttacgatttg ttgtgctggc taaaatgaaa gatattgggg cattttaatt ttagaattgt 300  
 gacaaatgcg caactttttt ttaacggctg catatgcgac gaatgatcca agttctagtt 360  
 ttatgattga atttcattgt ttttcatttg gcttaatgag a 401

<210> 242  
 <211> 368  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 242  
 ggtggtacac aaaaatcgat gcaacatatt tttgggcccgc ccaatgtcac ggatgttttt 60  
 cccaactttt taatgtgtta agctagtaga taatttatta tatatcctac aacttacaga 120  
 aggcggccac aatgcccagc aatcgacttc catatttgag ataccacggc tgctccggtc 180  
 caattggatc ttgttgattc ggccgtgcc a gcagaccgct tatcttttcc gcaaacgact 240  
 gatccgggaa atagacggaa atagggagaa atctaaatgc aattaggaaa aatcgaagca 300  
 caattttgta ttgtgacgcg gcgggcgctt tttttaacac gcacacattg ccacgacaaa 360  
 aaacacac 368

<210> 243  
 <211> 321  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 243  
 aaccagatcc gcagctgcag ccattgtctt ccaatctcac acgcacacac acacaggaac 60  
 aagcacgtcg gtggtgttgt tgctgttgtt tttgttgctg tgcgtctga tgtacaatca 120  
 gtgttggtca acaatttcgt gcttgaattg gtcacacacg gttgccgtgt acgcggtgta 180  
 tcgataaccg atagtaaaca tgcattgggca ttggcgccac aacgacacgt ttaaacaatca 240  
 accaaaccaa accgaacgta tttagaactc caacaaaata tctgctccac gttgaattta 300

<210> 244  
 <211> 469  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 244  
 ggccgagtaa caaggatgat ttggggctaa aaaacgccaa aagcgggagc tgtcaacatg 60  
 tgttctaggg ttaccgcagc gcgcgcattt cgtgtgctaa aaagtgaatt ttagatttaa 120  
 attgagatcg agtttttaaa ataatggctt agattaccgt agtctttata tatatatata 180  
 gcaacatagg tgaaatagaa aaagtaacaa ataaatattg aacgtaataa aagagggttac 240  
 agaacatata ataaataatt aagttaatat aataataata aaccgaagat gttgaatact 300  
 ttagacttaa atagcaatac ctccagcgaa agcctccctt tataatttat caaaaaaaat 360  
 taacctatct atttggata ttcttttagaa ccgctttaga acattcatcc taccacgggc 420  
 acactttcgc ccaatcagct gagaaaatat tttaaagttt taaataata 469

<210> 245  
 <211> 383  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 245  
 ggtggcacat gtgctcaaaa aggccgaaga cgggtgggaga gggagagcga ctacggcggt 60  
 gccagatctt tggatgatga cattcaatag ttactttaaa caaaaatagc tagatcataa 120  
 aatataatga attgcaggat acaaattcag ctgaactact ggtcagaaga atgcttgtat 180  
 taatattaca catagataca tagttattga cttagaatta aattttgtat attgaattgt 240  
 taggaaataa ctattctttt gtatcttaaa gaaaagaaaa ttattcatat taaacggatg 300  
 ttgtcttgag actgctaacg attttaatag acctgttaag ttgttagcac ataaaataaa 360  
 attattttga atccagcatt ttc 383

<210> 246  
 <211> 489  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 246  
 aaccagaacg aaactccaat gcagtttcat ttgtcagtt taatcattaa acaaagaatg 60  
 cgcaaccgat cgcaactagc tcgtggactc ttgttctccc aataattggg atgttttcca 120  
 ttttgcgta acatggaaaa tgtgtgaaaa gctttttccc cctccaaaag aagcgtactg 180  
 aactaagctt tcggtgggta gtaatagtag tcgttatatc ttatttttct tatttacgtg 240

cagctgcaat cattggctgc gtcacttttg cgtcagctat aaactggtgg atcaactcgg 300  
 cggcctccaa aagctgcgca tctgctccag acacttttagc caacgccagg agatggccaa 360  
 aaccgcgcatc aagatgacgc cgctgcgcaa gtctctgctcc tccaagggca ttgtgctacc 420  
 cattaatgcc gctggaaggt tcggtcattg caggcgccctt agcaggaaga agaagttcag 480  
 gaatgggaa 489

<210> 247  
 <211> 417  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 247  
 gccgtatgcg aaacggcgaa tgctgctcaac gcagcgctgc gcgaatccct tggcggcaac 60  
 tcctccgccc gctcgtcgac tgaccaggcc aagagcggcg aggacaccaa cggcagcctg 120  
 caaaatcaca tcgtggccaa tgccaaacgc atcctgatgg ccaaaatcga atacgaggag 180  
 gtgcccact accacgaatc ggtgctggag aacctcaagt ccaaatatat tgtcatcaag 240  
 ccgggaaaatc caggcgccat caatggcttt agtggcaaaa acaacacagg caaacttggt 300  
 gggcgcaaat ggacatggtg agttacactg tgttaaagat acaacaaaat gttaaaatcc 360  
 aaaagttgct tgcaaagtgg cttttccctc gtccgtgttc ctcctttgtg ttgcaat 417

<210> 248  
 <211> 427  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 248  
 accctggcca aatgggcggt aagcttaaga tgagcgtgaa agcatagatt gctagtcgta 60  
 aacgctgaat gaattttaaa tgaatgaata tgtcaaatga gaatatttca tagttttaca 120  
 tattgtaatc cactaatata tcaataaaag tttaaatatt aagtttcggt ttttttctat 180  
 tacacattaa tgggtccctc aaaaatagga agtcaaagag ctcgaaatat cgataccatc 240  
 acagtgtgac cgctttggaa ataccgcatt cgggtattttt cttagcacga atttggacta 300  
 aatgcatatt acaagtcac ttttaacaaaa aaaatttgca ttgaacgtta ataataacag 360  
 ttacttgctt aaatccaatt cggctgccga aacaaaagct caattaatag aaacctaata 420  
 ctatcac 427

<210> 249  
 <211> 459  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 249

cggcagcaga atagggaaaa caggcgacaa tcacgttaca acaacaacag cggcaciaaac 60  
 agttcccag agtgccgggag agggacgcaa cactactaac agtgggcgca tgcagcaccg 120  
 tttctttcga ctcacgcgac agcttgcagg ggggcgcgga aggcttaatt aaatgtgtca 180  
 catggagcac agactgtttt gattcacaaa aaaagatatc gccttatttc acttatatgc 240  
 tccccgtttt cttgtcggta gacacgcgca acgcagcaaa atgacgaat gcgatcgagc 300  
 gacgtgtaca gactgagaag cgtgcgaatg cgagagcggg agggcgccac taacagcact 360  
 gtgtgtgctg ttgcgacgca agcccaaagt cgcgagagca gcctcgatgc agctgatctc 420  
 caattagaat ccattccctg ttattgttat tgctggatt 459

<210> 250  
 <211> 438  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 250  
 gcccggagca ctggatttca cgagctccgc cctcgaagat ttgtgctttg cttgactaat 60  
 tggaatttat tgcagggtggc ctatatatat gagctgttgt gccggggcgga ggatcccagc 120  
 agcgagagtc ccgaattttg gaacgagttc ttcttctgctgc agccgaactt cgaggcgctg 180  
 gagaatgaga ttggcaaact caacaacgag cagctgcagc tggtgaaacc gaacctgaac 240  
 accctcttcc agaggtgcat cgaaatgctt gacacggggt agaccagttt gacctattaa 300  
 tatatacctc cagccaccta taatccgtga tttccccag aaagatcatc ctaagcggct 360  
 gtgcaacagc ctacacacgc tgtgctccct gttctacggg atctttaaaa atccaaccaa 420  
 aaccacatt aaacatcc 438

<210> 251  
 <211> 387  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 251  
 gttccactac tctacgctaa atggctatgc ttgttagaat tgcacatata ttttatgtat 60  
 tttatttagc taaacacgga gacatatcct tacacgatat ctacgagcga cgcgaccagt 120  
 gtgactgcgc ctacacaatt gaaacatgct acatgcagtg tgaccgttct tggctcaatg 180  
 gaaaagctct cactcatata aaattcaata atagggttaat aaaaaaaaaa tactgactta 240  
 ttttttaa at acaaacgtat ttactctaac aatataagta aaaagctaaa attatttta 300  
 tgtttattta ggaaacctat cgatatatcg atacacatgt ttttttggcc accctagaaa 360  
 ttgctaacgt atttttagca acaaatt 387

<210> 252  
 <211> 135  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 252  
 gtccgatcca tatttttagca cagaaattaa gtaaaatatg gcggtttagt ttgaagttct 60  
 ttgtttttgt tgctgcccag tgttaccaag tggttgaatt ccgcgtataa ttaggagact 120  
 ggagagtggg tcaca 135

<210> 253  
 <211> 207  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 253  
 cccgagagga gcagacaagc gaactggact gggaaacagc agcagcagca gcagtcgttt 60  
 gaattgaata tcattcccca tttcgagcta aacgtcgttg agagccaacc aggaagaatc 120  
 caacggcgca ccatgccttc ggctgcaaat accgctactg ttaccgctgc aattgccacc 180  
 accgtcgccg ccacagccag caacacc 207

<210> 254  
 <211> 574  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 254  
 taccagacag ctgggcaccc gaaggagtaa gagagacgga tgtgaagaga gagtcttgcg 60  
 agagcgaaca aatcggagaa ggagcgagcg tgatatgaat atatctaatt actttcacct 120  
 ccttaagcat aaacttggtt caatttatga aatcttttaa gttactttct gcttgatagt 180  
 tattcataat tgttatatta taatgaatct tcgcacatgc ggcatttctg cgcaagtgct 240  
 tgaagagagt gaacaaggga gagagcggca agaacaagag aaatggcaaa caaacaaaag 300  
 ccacagacac agctgtctta tcacagggcg gttttctgcc accccctttt gacttgatag 360  
 caaagacaac cgttacttgt gggtttgtgt cttccgataa gtatgtttat aaaaattcaa 420  
 ttcttatatt tttatacata ttaagcattt ataacaagaa gagaatgcta tagtcgagtt 480  
 ccccgaatta tcagaatacc cgttgctccc gttacctaaa ttaatatt atataccttt 540  
 aaaaccgcaa ctgtagaaa cttgttgga aaag 574

<210> 255  
 <211> 247  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 255

ccccgccgc aaacgaattt tctttttccg gtgaactagg ggtgtgggtg gaaagagaga 60  
 gtgagaaaga gtgtggagtt ccgcttgccg gcgcttttct acaactatct tgtcattgcg 120  
 cctctctgcg ctcttccgcg attccgcctc gttcattcat tcattagccg cgctctttct 180  
 tactctctgt gcgcatgcct tgtgcggcgc tgcttctgcc ggcgtcgccg tcagcgctgc 240  
 gttgttt 247

<210> 256  
 <211> 127  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 256  
 gtatgcttct tcgtatgctt cctcgtatgc ttcgtgggcc ttatgagtgt tcacccctacc 60  
 acaactcggc catcctgact agctgatccc ctgatcatgg ttacattga ttgcttagtt 120  
 gtatgat 127

<210> 257  
 <211> 1022  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 257  
 acaacccaaa ataaaggtaa ggggaatttt taattaaaaa attagggaaa ataacaagtt 60  
 taagttgccg gaccagcca aaaaacaaac aaagcaacgc ttgtaaaaac tgaaaacaac 120  
 atttcagttt atttcgcttc gtgccatgtg agcaacttca aattgatatt gaatcggaat 180  
 cagtgtgcgg gtggtgctaa ttagcggaag acggcaattt attgaacgcg aaaaaagccc 240  
 cacaatccaa cttccatttg gacacgaaac caaccacccg ccaaatcaaa tcgccgtcga 300  
 gttgtgcatc aaatgaatgt gcgaaaagtg cagtaaatca atgtttttgt gagtgtttga 360  
 aagaagaaga cggaaggagc gccacaaca aaagcaaaga gagcaagacc taacgggaca 420  
 cccgaaacca aaaacctatc ggcacaacga cactttctca atagctatag ttttagttca 480  
 tatgttcata tctcgaaaaa tggacgaggt ctttagccta cacatggaga aattggacgt 540  
 ttacgacggt tagtatctaa tttgccgga gttctactta aacgtagaac atatgtatat 600  
 gatggaatct gggttgtatt tctgattaat gagttcatca actttcaagg aaataataat 660  
 agtagtagta gttgtaaaca gctgaagtat tgggtataaa ataacactga tatgggtaaa 720  
 atcataatag acactttatt tgattcaaga ctcgcatgat ttagctgta tgaatcatgt 780  
 cgaaaataat agaaatcact attactaaat atagataatt ttaaaattta gattcagtgc 840  
 aacatggata cagtgattaa gtgttacaat ataaacaaaa gtaaaagaaa agtacaacaa 900  
 gaaacaagta tttggtgaga aatgataaaa actcaccaat aatgaaaacc atttatgtag 960

gattttaaca aacactgttc tcgtctgcat tagtgcttgt ctttgtaata gaattcgaac 1020  
 tt 1022

<210> 258  
 <211> 497  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 258  
 acataaacia acggagctcc gatatctaaa taaatattat ggaaatcgca ccaactgatca 60  
 ataacgccgt cgctgtcgtc acagcctctg cctctgccgc cgtctctgcc tctgctagcg 120  
 tcggcagtag cagcaaggat gataacggta ggccgggtctc tagatgataa gcggtacact 180  
 tccagtgggt tcataataaa ctataaaaat aataaaatat atgtaaatac aaagcataaa 240  
 gtgtagtacg tgctcgaaag agtcacactt tctcggtaaa gaacttcacg ttctatccat 300  
 attatatgat tattatgttt caaaatcctt tataatcaaa agcgaattag acaatcagaa 360  
 tatctccac ccagcaattc ataacttata taaaatatag tcagaatatt gcaatcatac 420  
 caaaattaat accaaccaca ggacttaagt ttttggtttt aatccaaata tatccatttg 480  
 tttctttgcc ttaattt 497

<210> 259  
 <211> 411  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 259  
 tgtgttggtg tggtgttagt gcttggtgcaa cttaaaaatt caattgttta ttgctgggca 60  
 aaactggtac cgtgtaccgc gtacctggaa aacaacattt aaagcgaacg ccaggcgaat 120  
 cgagagttcc gagcaagtgg gcaacaataa tgtgtcgctg cggcgctgc tcatttccac 180  
 cgtgataata atcggcatag ggttccgacg cgaaagccac aagtgaaagt ggaatgctct 240  
 gcctatccgc gttagttagc atagtcttca acaccagcg aattacatct ctccgactgg 300  
 atatgaagat atcgtgagta tttccctctg gaatcaatga aatgaaatgg tgtgcctagt 360  
 ctgtgatgat aaggcagcta ccaccaccac gtccatatcc ggatgagagc c 411

<210> 260  
 <211> 230  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 260  
 tgtgggatat tatattaatg gaaagccaca accaaattat aactgtttgt aaactacatt 60  
 taaagacgta gttgaaatag aaagaggtaa acttacagat ttgaaatgaa tcagtaatcc 120



aataatgtgt tttgtttgga atatttccaa aatgttttca acggaagagg caagaacaca 180  
 aacagaaacg gcacaaacac aaagagataa tttggcagca taaaagagcg 230

<210> 261  
 <211> 331  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 261  
 ctgcagcgtg tccagcgccc taagcggcctt tcccacttca atgaactctg tgacgaagag 60  
 agcggcgctg agttaagaga gcacacgatt cgcgaagacg aaagtttctc ttcagacacc 120  
 gcatggaaaa ttttcagcac tcaccattag cccttttttag ggcgttttcc ggacgttgcg 180  
 tatagcgggc catttccgat cgctttactt acttgcgggc gcacttcaag ttgatttcga 240  
 tagcaggtct ggagcgtttt gagacctggg gctgctgaaa attgtataaa tcttcggctc 300  
 gcctacgtgt ggctgcaata ttaatgcaaa a 331

<210> 262  
 <211> 687  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 262  
 gagagggata atgggagatg gcgaatagtg ggaaagaggc acctgaaata gataagcaat 60  
 gagcaccact caatttaata tggacaactg ggccatttta agaagcaaata aatgaatttc 120  
 aatttagttg tatattcttg agattaaatt atttagggta gcacaatgac acacatgcag 180  
 ggtgatgggc taagacaaaag cctttaagag agagggagag tttgttgacc tcattctcgg 240  
 ggggttgagt gacctgtttt cgagtagttt tgagtgattt gttcccagtg tccaggtagc 300  
 ttgatttaaa ttagactgtt tattataact gcattgtggc ttttatatgt tttacacaaa 360  
 ccattcctaa gcgccctacc tatatcaata ttggtttgag agcagttgtg ctctcttaca 420  
 ctcaagtagc tcttttaatc tcttccactc attcgctact cagtcgccat ttttcgccga 480  
 gcgctgactt tctgccgttg ctgcttctgt tcattcgtgt gttggatttt gagatgcgtg 540  
 cacagctgaa aagtaaaata atgcaaacgg ctgtatTTTT tatatcttcg ggtccactgg 600  
 gtacatacaa atgaaaaggt gcttgctgtt atatacttcg aaattatcac gtttgcgtta 660  
 gaccgaaatt gaagaaatcg attactc 687

<210> 263  
 <211> 441  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 263  
agccggggcaa cgaattgaag cataaacaac cgatgtcgct caccgatgtc ttggaattga 60  
acaaaacgga gttgttcgcg aagattcgca atgggttgcc cgtggtgcaa aggactcaga 120  
acctgctgga ctgcaaggac gatctgctct ttgcctggca cgcgaaggac agctgtctgt 180  
tggttcgcaa ctggcgctca tcgctggcgg caaaggtgaa tatccagttc cagacactga 240  
ttccatcgag cttggtgagc ctggaggtgg accgcgtgct ggcctccaac gagggtcccc 300  
tcgtggcact aagttggacc gcgcggcggt gtcataatgg agctgccccg ccgctggggc 360  
cccgatggat actacaagga tggcaagcca gttgatcacc tgccgcacgt tcgggctgga 420  
cactcagctt ttcctaaaaa a 441

<210> 264  
<211> 40  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 264  
cccagtcgcg ggcgatatac ttcggtacta cggattgtgg 40

<210> 265  
<211> 564  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 265  
atctcaacga ctctacttgt tattttacat aacctgcacg gcgctaaaat gagcatgtta 60  
tcgataaaat atcgatgcaa ggcgtgcagt taagaaattt atttaaaaag gtataggtga 120  
atacctacaa atgtaattca tttaagttac tattaattt tttctgacta tataaaatta 180  
aattaaatcc tcagaactcg atatgtcgat atgtaacagt gcataactac gcttattggt 240  
acaggggtgt ataggctaaa gagaattgcc cgcataattt atttttaaaa ccattttctg 300  
ctaaacgtgg tgtaaatat ttattttatt aatttaattt atgatttatg atttatttta 360  
ttaaagctg taagaattat attactgatt tctatgataa tcacgaagcc tatactttag 420  
cggttattca ctgtgctgcc ttcggttacc gaaagctttg ccggtttatt tacattttgg 480  
cgcattaaac caagcaaattg ttttaaaaaa cctcaatttc cgtgtttttg cgccacagca 540  
gcagcacaaa agaatcccga atcc 564

<210> 266  
<211> 404  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 266  
gtctcgtgtg acgtgcgagc gcagaaagtg tcgtcttttag attttgtttg tgcacttttc 60

gccatttccc tttgtattcc gtcgagttag gaacagcggg agccagggag cgcaagagtt 120  
 gccgagaagc acctgcaaaa tagcgggcacg agatcgccag aaaaccagaa aatcgcaaga 180  
 agcaaaagcg accgggtcaa cacttccaca cgcaaatacc cagagccccc catcacacac 240  
 acacacacac aaacatccaa cacttggtgc agtgggtgat gagaaggggc accacagcga 300  
 taagaggaga agggacgaag gagcaggaag aagaactagt tgcctaagaa agacaccacg 360  
 cgcattctgc tatcagcgaa ataccactg caaacgttta gaac 404

<210> 267  
 <211> 454  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 267  
 ctctagaaag acaacaaatt ttttggcgag cggacgtgtc ggcggacaaa aagcttgcaa 60  
 acagaacaga acggaagaac acagaagaga acgacacgac acggacagcg gggaaagggtg 120  
 gcaattgaaa gaaagtgcc aacttagtgt ggcagcgaaa gagagagaga gcaaaactggg 180  
 tattgcttgt gtgtgtgtag tagtttagtg gtcgtgtgtg tgggagtttg tgtacgaagc 240  
 gagtggcaaaa ggaaaacaca acaaacatta ttccaaggaa atttccaatc atgtcgggtgg 300  
 aatcctccag ttcggcggtc caacagccgc cgtcgtcttc gaacctaccg ctctggggcg 360  
 acaaccaggt tgggtggcca cgaaccagct ccgcctcttc gggctcttcc tcttccacat 420  
 cgtcgtcttc ctctccggt ggcggcgca ttgt 454

<210> 268  
 <211> 253  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 268  
 gttcggcgct cagttgcgaa tctgcgacca aaacgttttg agtttctcag gtaagcactg 60  
 gactctggga actggttttc gctgttatca gtgcgaccag ttgcactttg cactttgacc 120  
 tgcatecttc acaccagtca cattccagge acatctctgc accaccggca acatgattct 180  
 ctccaagccc ctgtactcgc tcttcggcac ttatctggag cagctcttca accaccggg 240  
 ccgcacccaaa tcc 253

<210> 269  
 <211> 380  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 269  
 gtttcgggtcg tggacatgaa cggcattacg tttttcaact cggccgcgcg aataactcga 60

aaaaggcagc	tccgcagcca	aggcattttg	aaaaacacaa	gtccccgact	cgaaacgcga	120
ccaaataattc	ggtgtgtgac	gcgaactgcc	aatgcaatag	ttcacttaag	aattgcagat	180
taccgcgact	ctgggcagtt	ctcattcgat	atttgaatgt	accaaaagaa	aagtgccaga	240
accagaaaatc	aaaataaaaag	atctttctaac	agaataacaa	gaagtgtttc	ctccgaaaga	300
ttaaaaaatc	gcgaatgatt	aagaatcgcg	gcaccgttag	ttccctctct	cgcttttccc	360
ttttgcgctt	ttctgcgttg					380

<210> 270  
 <211> 398  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 270	
ctctgttcgc	caaccaca acaaatcaaa atatcagtgg tggggcgaaa aaatgcatg 60
agccatcgat	agttcgataa catcccgca acaatctagc ggatgcaatc gaatttaagc 120
taagtgttaa	atgggtgtaa atattacaaa tgtaatctta tcatgttcag ccacacatcc 180
ccaatcaacc	tgatacagta ctttaaatat gacgtaatth ttttaattatg cagtgaaaaa 240
gttacatcgt	tgtgcactaa caaaagaaat accactcaaa gtggttaagat cacgaataaa 300
gctgcgtata	aatattaaat aatttacgtt gtatthtttg taatgattga agaaacattc 360
gttggttaa	ac gaataaggcc tcacaaggct tggcgatc 398

<210> 271  
 <211> 496  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 271	
gctaaagccg	tttttttctc ctgctthttg tttttcgtct gctttcgtgg ttctcatcta 60
caacatggca	catcagthtt tttttthtta caatgtcaat taattctata cttccatttc 120
gaatgtthtt	tgaatacata acatacatgc tathttcaga caaacccaat ttattctgtg 180
tttctgccat	gtgcttcaag tgttgccctc ttttcgcttc ccttgtctta aatccggcga 240
ctgtacagta	gttcagaatt tatgcttact taattgctcc ttctthtctct gaagtgtga 300
cgaattgggtg	aatgccgcgc aaatcaaaaca ctctcccg tcaatcgctt ttaggcga 360
taaaagttgt	aataatgcca acagtttggg cagthaaaaa atcggagata tctccccgcg 420
acacaaaaag	ccgtgcggac tgcgcgaaac accaaacagc aactaaaatg agaaacacag 480
tcccctgctt	aaatat 496

<210> 272  
 <211> 546  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 272  
 cccgtgcctg tggagctagt aaatttcgtg ctcggcgctc atttttatatt tagttaacga 60  
 aacgaacgaa ccagcggcgc gctaagaaat ccaagaaata ctatagcaaa aacactcagc 120  
 cgaggcggaa ataattttgc tgtagttctt ttttgctagc gtgtgtgccg tcgaaaaaaa 180  
 aagatataat acaaatcaaa ttataataa ttttctccta tgcgagtacc gaaacgaaat 240  
 caatgagcaa agaatcgtgg gttttttttt tgcccatata cgaacaatta aacgaactct 300  
 ctttgttatc agtattgcac aaataaataa aaccaatca cacaacgaac aacgaaagtt 360  
 agtaaagaga ataccaacga aaaagttgaa aaagtcagtg agttgaaaaa agttaaagtc 420  
 ctgcaagttt gaaaattgcg gaaggcagaa agtaaagtct atatgaaaat atacttgtac 480  
 atattttcta cagcctgtgt gtgtgtctgt gttccgaaaa gcctctcatc ccaatctgaa 540  
 tcttca 546

<210> 273  
 <211> 534  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 273  
 ctacgtacta tttttctcca cataatatat atgtattaat actagttaga atatgaaaga 60  
 actgtttact caccagagcc tcgtgacccc aactgttgct cttttggtga tccttgagca 120  
 gctgcagcga tcggagaacc acttcgcccc gttccgtcgc gtagatgttt gtgtactccc 180  
 ttaaattttg ctccaaccag tgcgatatgg tgtacagctc ctcgcgctc gtttgcgaaa 240  
 gctgccggaa tgaggtgtat tcatcgctgg aatcgctctc tatgtagata agatccagca 300  
 actccaccgg cttcagcgga gcactgtgct tcttgaggag catactatag tgctgactca 360  
 ggccttcgca gccggtgtta aacaaactgg tgacattctc cagctccacg ctctgggaaa 420  
 ttgttggtgcc ggaagtaatc gttggcatcg cgcagtttgg ctagtgcgct gaggaacacc 480  
 gagatgtttc cctccaccgg gcattgatga atcaactggc agacctcttg gaga 534

<210> 274  
 <211> 535  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 274  
 atcttgacaa aaatttttgc aagcgcataa aattaaacaa attgtagagt tgtggacaac 60  
 aaatcgccac tagaataact ggaaaaaagc gaaaatggtt agtactagac aaacgcgact 120

cacttgctcc gcagcagaga ctttttaact cgcaccaaac cgaagattgc gtctttcggt	180
ttcccgtaga atttgccgat tttttcggaa ctttcacagt ggcgttgtag cgaccgctct	240
tgggcggcat aagggttaag gggcatgtgg gtggctacgg gtggagggtt ccgcggagca	300
ccccgtcgtg accttgctc catttgggac tacgacgtca cagctgccag ctccggcggg	360
tagatacaca tccgaattaa caccacgcgc tcccgacact ccgattcgcc gctctccatg	420
gaagtggaaa tggaattaca gccctttggg cccacatgag gattttacct gggggtggaa	480
aggaaagggt ctgaccatat agcatatgat catcggtatt ataggatagt ttctg	535

<210> 275  
 <211> 449  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 275	
gggtggacca cccttataag cgggctctcg ggccgcaaga ctctcataag cattcaagag	60
ttgcttacgt tcggttcggt cgcatttctt ctctatctta tataatatta tattttctcc	120
taaatcaatt ttttactac caacaacaac aacaataata acaactcaac tattctcaac	180
tcgcgtcaac cttaacttaa ctttctcaaa aacaacaaac tacaactcta ccactacaaa	240
tctgtcaact ttccgttttt aaactgaaac tgcaaaccaa aacatttatt ttctgtctga	300
cggccattga caaagttttg ttttccaaaa acccgaggaa gaaaaattgc cagcccaaaa	360
agatttgaaa ggatacccca aaagattccg ttcaaaaatc gtcccccccg ttatgttttg	420
agtttcaatt cccgtgtttg aaaaacaaa	449

<210> 276  
 <211> 479  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 276	
gttcaattca actagttcgc attccacgac gacctctacc tatattttct agattatttg	60
cactttcggt tagcatttga tcacagtagc ggcgaaaatc aagtcgcact cactttttat	120
ctgaaacctg tctttacgac ttaaattatt ctgttctcaa agaaatattt tttttaacta	180
tttcaagctt ttgaattgcc aagacgacga aatgtctgcc agccacaaac agcgttataa	240
aatgcccgc ttggactcca cagagatgag tcgtcgtcgc gaggagggtg gcatccagtt	300
gcgaaaaaac aaacgcgaac agcagctctt taagcgacgc aatgtgggtt ttgagccggc	360
tacatcctca acatcagccg gaggggagag caacaccga taacgaacag caggtttatt	420
ttgatcaagt ttgggctgat agcatagtct taactatctc tccattccca atgcaggct	479

<210> 277  
 <211> 533  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 277  
 ctcccgctcgt tttagatcc gctgctctcg caacaacaac aactataact gtagttaccg 60  
 tctcttttgc atcgttcgtt tttagtttgt gtcgcccaagt gattgtgtgt gtgcgtaagc 120  
 ttaaagctga ctaacaaaac gaaacaagaa aaaatataaa ttataggaaa attgttaaatt 180  
 tataaccaga aagagagcgg cacttacgtg tggtattgtg tgcgtgtgct ttaaaaagat 240  
 ataaaaatag caatagaaag ttattaaagc gttggcaaaa aagtccaacg aacagcgaga 300  
 ggaaagcggg gaacgaaata gttaaagcca aagtcgctgc cgacgtcgca cttgaaaacg 360  
 tcgcaaaaagt ttgtaaacac accagtgtgt gttcgtgtgt gtttttgccg gcgtgccagt 420  
 gtgcgtgcgc ctagaaaaga gtcaagaagc cgaagaaaag gaagaagccc gaagaagcag 480  
 caaaagaagc cgacagcaaa aagtaaataa aatccaatgc cccctggcag aat 533

<210> 278  
 <211> 506  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 278  
 gtgccgccga agtggacaca tcgccgcata cggatacggg aacgcatagg gacagagatt 60  
 cgaatccggg taatatagcc ttagccaccg atttggaact gccaagggt ctgccgttat 120  
 cgttatcctc gcgacaccac tggaaccagc tgcagagcag tttgcacgcc cttcaccacc 180  
 agcaacagca acaacaacag caactacgtt catacagctc cactatcgaa acaaatttgg 240  
 aagacaagat gagcaaaccg gattcgaaac tagataaata cgcgcagcgc gatcgccctgg 300  
 gcctttgggg cactggtgac aatgaggtgg tcggcagcct ctccggattc acccgactct 360  
 tggacaagcg ctactcaaag gtgagttcca caagttagga atatgcgaat acgcttttaa 420  
 gttgccccag ttccgttgaa cttagtggaa aaatgccagg caaagggttt taagggtggg 480  
 ttgcattcc gttttttttt tccgct 506

<210> 279  
 <211> 362  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 279  
 gctccagcaa tcaagcaacc gagtatcggc gtcgcttcgt ttcgaatttc agttcgaatt 60  
 tggatttgtg cggcgacgct ctaatttggt taatttttgt tcgttaattg tgtaattga 120

ttagttagtc gctgtgttaa tggaccacta agttagctgc gagcccgttt ctgtttagtt	180
caagtatttt ctgttttggc catccctgc aatgagcgcc tttgaggtta gttgagtcct	240
cttttcggaa ctccggcaat aattttccga gaaataacta gattaccggt acttacagat	300
cacagtgacg ccatcgcgcc taaagcaaaa gaagcgcgcc gaaggaccga gcccgccgt	360
cc	362

<210> 280  
 <211> 548  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 280	
gccaagacga tggcaatcaa cttttcgttg ttgtttttgc agtcgctgc ttgttgctgc	60
tacacagggtg gctggctggg ggtgctgtgg cctctatttc ttgctatttc tctctatttc	120
tctgtattga tatcgaaatg gatgtcaaat aagccgctcg acgggttttc ttcaggagaa	180
agtgcacggt aatgtgtctc cgtctccgctc tgcgccagct gttcgctatt cttctcgctc	240
cggctacttaa cagctccgtt tatcgatggg tcattagggtg gtgcacactc atttattgca	300
atgccatttta tggcctaatt gatttgcaag ttgcgggccaa gaacaagtaa ttttgtagt	360
aaatagaggg cagaatggcc actttgttct tggcgcagca tctggcaacg ctgcgggttt	420
tgtttacttc gataaggccc cctttacact agtttcgaat tatcgcaatt gggaatatat	480
ttcgactata tcttttttat ggccctaatat gcaaagcctg aataaataat tgatttaagg	540
aacatact	548

<210> 281  
 <211> 199  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 281	
ggtcagacgg aacagcgag acatcgcggtt ggggaagaaa tttcagtcgc aaatttcgta	60
aataatcgag ttttcccttg atcgctggac ttctgacagc tgcgcagtgt gaacgtttgc	120
tgcaatttgt cagctggccg agagggtagc cactcgatgc ggtatttttt cggtatttta	180
cctagaaccg ttttaattt	199

<210> 282  
 <211> 310  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 282	
gtccccgacat tgcggctgca atatccggga tagcggggcc cacaggggcc ggcaaagtc	60



caacgcacac ttttcactcg gcaaataagg gggcatcgaa ggccaccggg ggcagaaaaa 120  
 gtaggaatgt ctaatttact tgcttcaatt gtttctccag gacgaagatg gtggcgatgg 180  
 acgcacgctc taggcggaat actatgccct caatgacgaa acctttggat ccgctataaa 240  
 tggcgactgg gaggaagccc atgagactat ggtacgcctg ggcgggaatg gcgaaaggg 300  
 gcggaagcga 310

<210> 283  
 <211> 429  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 283  
 cactggacgt ccacacaaaa attgtactcg cgacgtgtga gcgtgacgca tgctgtacac 60  
 tcttaaccac acttaaataa gggcaaagca ctctcgcccg cagccgtgcg agtgagcgag 120  
 atgactatac aagcagcatc tgggcatagc gaggcagggt tgctaatagcc agtgttgtac 180  
 aaccatcggc ggtcatcgct agtgggcccc ttatcgctat cgctcgctcag ctgttacgta 240  
 gcgtgtttgt tacgtcgtaa attttgtgcg gaaaaaccgc agagttttca ttgccgccgt 300  
 gaaaaaaaaca taaataatgt ctgtgccttt cagtggcgca ttgcggcggt ccggcgccat 360  
 tgtgtccgcc attggcaagc agctgaagag cgtgaatttg aagggcgta agcgataac 420  
 cgtgcagtt 429

<210> 284  
 <211> 573  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 284  
 ttgagaagca atggccgctc accaattgcc agggttgcc gacatgccaa tagaaatggg 60  
 gaaggaagag cgcttttggg tgggtgttgg gtttttcaaa tttttttttc atttcttttt 120  
 ggaggtgcaa ggatgggcaa tcttcaacac aagtattggt ggggcacca gcaagtactc 180  
 ataagttttg ttgttgcaag gaaggggtga aacagatagg gagagagacg gagacagtcg 240  
 agagcgtaaa aataaaatgt gtactaggca cgattaatag ttgtagttgc acttcccaag 300  
 actcaaacac acaattatta ttaaataat atatatatat gtgcacatat 360  
 ataagtgggg aaacaaatat aactttgaat gtcaaggggc gaggttaatt tgtggggtat 420  
 attttcagag ggggggtttt aatgggtctt atttcgccaa tttaccgcca gaagctgcaa 480  
 gaacttggtc aatttgccc tgctgcgata taggttcgcc aacatcaagt tcaactgctga 540  
 taaaagctag ttctttgcgt aaaatgcgaa ttc 573

<210> 285  
 <211> 470  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 285  
 cacatgcaca agcacgcaca ctcgctcggt cggcctgcgc tttgtgtatg tgtgcgagac 60  
 tcttcttata tctaactgta gctgtagttt ctttcgcttt acgaaaacgc agaagatttt 120  
 cactttttat tggccccact cgctttgcta attattaatt tagctacctt aatttattca 180  
 gcaatcacca gttttcaatt gctcaacaca caaaggcgga cgcggacacg aacacgcaca 240  
 catctcgaag tcggacacaa aaggagtggc cgctgcagtc ttgttcttcc agtgtctggt 300  
 gttgttgctg ttcttacgcy ggccgaaaac tcccttcccg tatagttttt tgtagccct 360  
 tccaggcttc cataactata cggaagttat attgttgatt tgggttttat ctaagccgct 420  
 ttcagagcaa cactccgaaa attaatctc ttgggttttc ctttcgcttt 470

<210> 286  
 <211> 444  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 286  
 gtgctgtgta taaattgttt ttaggacctt ggctaggaat tactgggtgc acacactcag 60  
 cgccacagct ccaccgacca ccgcccttgc aaggaccac catgaaactcc aaggacaagt 120  
 ccaagttaa gttgttctc aaatcgctgc cggcaggtaa caaagtgggt gcaccattgt 180  
 gggcaagata actcaattgg gattccgggg attcacaggt tacgtgggcy agcggaccct 240  
 gcggccggag tttgagaggg aactgcgtcc ggagcagccg gtggcccagc gctgccggat 300  
 gctgaaagag ctgggcyaca cgcagctgca caacttcaat ctggacgaag tgcgttccat 360  
 cgaattgccg ccatgccatg aacatgtttt tatttctcgt taattcgtcc ccacagaacg 420  
 ccatcaccat tctgttcaat ctca 444

<210> 287  
 <211> 512  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 287  
 atctgagtgt caaggggacg ctcagcgagg ataccgtag actcttcctc gtgcaactag 60  
 gtgagattcg aaaatcctat ataaggggta gccctaacta ataattgtaa aagatcaata 120  
 taaaatgtaa cattaatatt actttagaac aacgaaatgt attataatta actatcagaa 180  
 gatcggaagt tatagtatac cattatttcc atttccgtaa ttctagctgg tgctatgaaa 240  
 gcactttata ccaaaggaat tgtgcatcgt gatctcaagc cacaaaacat tctgctatcg 300

cacaattatg gcaaaacatt gccagctcca tcgaaaataa ccctgaaaat tggtaagtct 360  
 tgtaatcttg taaaatctaa gaaacaaaat ctgttacctc ttttgaaagt tgttacttaa 420  
 aaaactgggtt attactacga aatcttcattg ttaatcaaact attccactg ctacttgta 480  
 cttatactgc ctgcaacttt tctttattac ag 512

<210> 288  
 <211> 465  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 288  
 gcgtggtgca cctgcggccg cttaaagatg aagaggaagt ggagttggag gaggaatgga 60  
 acaggaggac caggagccag gaggtctctt tctcttcttt ttctcgttca atgacacaga 120  
 aatctttcct ctgctcttcc gctttgtgcg ctcttcttcc caatatacaa gcgagctttt 180  
 tatatgtgcg agtgcgactg cgaggccatc gctgcgttta tctccctctg tctgtgtgtg 240  
 tgtgcgtttg tgtgtgttg agtgcgtgtg gctacacaca aagtaatat ttcaagcacg 300  
 tttttcatgc acttcgagcc gttttttgtc tattgccgca tagaaaacga ataaacgcca 360  
 ctttcatcta caatttggtg ttacaattcg tgcattttg tgcacttttc actatcaaaa 420  
 accgtttaaa tcgttttcac cttgcgacaa gaaaaattac acacc 465

<210> 289  
 <211> 285  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 289  
 gccagtagca gcaacaattc cagttccacg gacaacaatc acggaggcca caatccgctg 60  
 aaccgactgt ccctgaagtc cgccggaaag cgtaatcagg agagcatgtc gcattcccag 120  
 ccgaacggcg gctggataaa cggttaaggcg gaaaacccgg aggaaaatca tctaaggagc 180  
 cgactgtttt atggttggtc gagagggggg ggagggcacg gcaggtgcac tgcgtctgtg 240  
 agttattgat ttttcacaca acttaagcag tgtcccaggg gagcg 285

<210> 290  
 <211> 575  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 290  
 tcgtggccct tatgtttcct gcaatcgatg tttctacctt cactttcgtt tccggcgtgg 60  
 tgcgtaagtt gctccgcgtt ttgcgaattt taagcgatta tcactttgtt tgaactctag 120  
 gccggccatg tgcctataag ttaacagcaa agcatatcgt cgccattggg accaaagtaa 180

ctctcaaadc	tggttcaatt	ttaatccgta	gaaatcttac	atcatggaca	attctggaaa	240
taaccgctac	gagctgttgt	tcatggacga	cgatgaactcc	tctgggctcg	cacagcccac	300
agattgccgc	tgtagtcgcg	gcgcccaga	agccggaacc	ggcaaaggcg	ccaaaggcac	360
caaagagcaa	gtcggagaag	gagaacaagc	cggttgtggc	tgcccgcaag	gccaacgctc	420
cgggtggctaa	aaacgctagt	ccagtgaag	gcggcaagg	tcccgtggc	ggggatgtgg	480
gtcgtcccaa	gaacccaaca	gcaaacggtg	ccaacaacca	gggcagggttc	aacaacaacc	540
aacgctacgg	aaataaggag	tcgaacggag	aattc			575

<210> 291  
 <211> 460  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 291	
cactggcccc	aagacgttgg aatctttgtga attgttgttg ctgcagccca gcaataacgg 60
tacagaggac	aacagtatca gcaacaaata caacaaaaag gaatgacaaa gtgaaaccga 120
ctgcgctgcc	ccacaaacta cgacaacatt aataacaata ataacaaaac gaaataggaa 180
gagcaaaaact	gtgatctctg cttaactttt tttatctttg gggcaattgt tcaatttggc 240
tgtgctcaaa	agtaaattaa gtcaactcgt tacgcgtatt tgccgtgttt ggcaacgctt 300
tttccaaccg	acgactggaa aatcaattct tcggattgcc aaagggaac aacaactagc 360
agttgttgaa	gttttccttt atatcttttg cggcccaccc caaaacaaaa agcctagttt 420
ttagaagaaa	gaagaatgga agaagaaaga aagaaccgc 460

<210> 292  
 <211> 473  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 292	
ggttagagtg	taataatgaa ataaccagc ttcgaatttc gttcacaaca aaagtgcggg 60
cctttcatgc	caaaataactt tggtttcgaa ttgtttttca aattcgaatc gaggttttcc 120
agctttccag	tttgacagcg agagaacgaa agagagcgag ggcgaattac ggtgttcgcg 180
ctctgcttgt	gctttccact ccactccct tcttaacttc cccccacca gcctatatac 240
tctgtgtgca	tgtgtaaag aatactttta aacgttttta atcgttgag tgtattcatc 300
gccagccacg	ttaaaaggaa gaacgtgtta tgttgaatac gaccatcaga agatcttagc 360
gaaaggattc	caggagccca aattcttaac cccatccca cacacacaca tatactcgca 420
cgttaggcac	gctctcttgt tgagaagaaa gggtttaaat taaagaagcc acc 473

<210> 293  
 <211> 446  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 293  
 gccttaccgcg tttttattta tttttctttc tgtttgttta agttccctct tttctttgct 60  
 gattgtttcg ctttctgctt gccagtgtga gtgcaggagt aactgtgtgt gggcaatgag 120  
 ctctcttttc gtttgccttt cgctgtcgtc tgtttatgta tatttaatgg cctgacttcg 180  
 aaattaaagc caccgacatc ggatgacgca ctgggtgactg ggcctacaat agtggttagtt 240  
 gcgctgctca cattcttgct catggcgaaa tttttctttt tgtagagtta ctttgagtta 300  
 cgatcacagg gtgcctagtt tcatgcgaat agttgccaat tgtgggcaac attaaaaata 360  
 aattaaccga attggtctta tttgcatcta atttgcaa atcagagttg aagaatgtgt 420  
 agcgaaatag gtatctcaaa aaccgcg 446

<210> 294  
 <211> 161  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 294  
 atttaactta accacttata attgcctcct cgcagtccca tgtaactca gtttactgct 60  
 aggcgtcgag gcgttcgtac ccttttagtat cagtttcacg gtcgttggtc gttaagaacg 120  
 catttcacaa ctggcaacaa ttaagccaaa ttaattgtat t 161

<210> 295  
 <211> 132  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 295  
 ctcgagaaaa cgtgggggttg aaaaaccttt gagcaacggt gtgccaattc cacaattaaa 60  
 ccgcagagtt tgcacaattg gcggttacac ctcgatgtct gcccttattt accaaaccca 120  
 ttaaccgaat tc 132

<210> 296  
 <211> 238  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 296  
 ggctagattg accagcaaag cagcgaagag gaggagagaa gaaagcggga gagaaaagag 60  
 aaggcgaaga gaggacggca cttagttggt gttttgaagt cgaactgggt tacagttagc 120  
 agttagcagt tgcctctcag ctggctcagt gtttttttag tgttcgagct gtgcgtgtga 180

actgtgatat tgcgatattg ggctatcgca attggaaaact ggacttttgg ttgaattc 238

<210> 297  
<211> 51  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 297  
ctctgggggtt tgcgccgctg ttctgagcgt cacgggtgctg ttccggaatt c 51

<210> 298  
<211> 468  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 298  
gttcacagca cttaaaagaa cacttgggaa aaacaataaa aatatttcgc aaattatggc 60  
gaagcgataa gtcagccaaa aattgaatcc atcggagcga ctgccttgga gccacagccc 120  
acccatgatg acgaccgact tcgcgggcag ccagttcgtg tccagcaatc ccaacaccag 180  
ctgtagtgca tcccgtggc taacggagga ggtatttgca tggatatgca atttgaaaat 240  
gatttgattc acatatttct gttgttctgt aggtctttaa actaatcgaa attgtgcagc 300  
gcgacgaagc catctacaat ccgaagcaca aatactactt ttgccgcccc gtacgttgga 360  
aaacttttgg ccgaggttga tttgaaactt ggaaaagaat ccgggcgccc agtctggcca 420  
attggaacaa tttgcgcac tcgttccgac aaaaattcac cactatct 468

<210> 299  
<211> 365  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 299  
gtcgcgcatt tcaccgtttc cgaatcggac gaaccgggag tgattgctct cctgctgctt 60  
tcgagatcga gtcccgataa ggatataact acaacctaaa gaggaatcca agcctcctcc 120  
tgccgctagt ttcgaaaagt aaatagagta cttgttatca actgggaagc ggagatacat 180  
agctccgata ttctgtgaa agccagacaa acggatacca acgaacaatc gccatgtgag 240  
tcgtcgtccc ttctcgtttc acacatcgtg cgataaaaaat accgctttgc tttttgtgtt 300  
tatttaaaaa ttttggttag gaagttgaac tccaactcct tgacgtttgc attttcccca 360  
ccacc 365

<210> 300  
<211> 432  
<212> DNA

<213> Drosophila melanogaster

<400> 300

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ccgtcgcttt cttcgcttat cgggtgtgtgc gtgcgcctgc ctacgtgtgt gctgtgcatg      60
cgatttgtgt taacaaaatg tgattagcaa aaatacaaag aaatcaggca tagtggaaca      120
aggcattgtg gctgaaacaa cagtcggcgg cagtaacagt cgacactaaa aaacaacaaa      180
atatacacat atacatatat taataatagt acatacgaaa catatctttt gagatataca      240
cgaaatgcga aaatttgcac aaaaagcaat gcgctggcgc ggcaacaaaag cgcggccgta      300
aaaaaataag ttacgccaac gacaattctg aattttgtgc tttatccgca gcagccagca      360
caattaaatt aatatttgaa ctacccccaa agttaacaaa agttagccag cccattaaaa      420
aaaaatacac ac                                                                432
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<210> 301

<211> 207

<212> DNA

<213> Drosophila melanogaster

<400> 301

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gtgtatctca ataatcctcc cagtaagccg cgtgaaggtc aactgcaac atcgatagcc      60
gatgactagg ccagcaacaa tcgataattc ttacccccgc acgtgttgaa attgttttct      120
tttatttgga tcagatttaa tttagctaata ccagacatgt cggactttga aatggaggac      180
agtgccctcg gctacgactc aggggat                                                                207
```

<210> 302

<211> 186

<212> DNA

<213> Drosophila melanogaster

<400> 302

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ggccggacgc tagaaatttc cattcgacagg cgaaaagcga atccataatt gatgtgaatg      60
tgagaagcat atatcgaatc gaatgttctg gacttgtttg tcaaacgaaa agaacagatt      120
gcaagccgac acgtgcgtgg ctgtgtgttc agtatacatt atatctaatt cccgtctccc      180
ctctct                                                                186
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<210> 303

<211> 82

<212> DNA

<213> Drosophila melanogaster

<400> 303

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agaccgacca actggaggcc agatacagat accatcattg tcatttccca attgaccaga      60
gaaagaaacc tgctgcgaat tc                                                                82
```

<210> 304  
 <211> 54  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 304  
 ggccacctaa cgccaacaat tcggggacaa aatcaaatcg catgcaaaga attc 54

<210> 305  
 <211> 1004  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 305  
 cccccaccgc agccactcac acacgcaaac atgaggctgt ttgcggcagc aacagttgcg 60  
 cttgtattgc ttctgggcca agcagctggc gaggagcttg cggaggagcg agcgggacag 120  
 gcacagggcg atgcggaggt gagtgtgcgt gtgttgtttt gttatgattc agcagcgcg 180  
 ctatttccac atcaaaacgc tttcggggag caaaaagtaa cgtaatcccc ttcaaagtga 240  
 ctaaggcttg tgggcaggga ttacggttcg acattaagcg ggaaatatgc aattttacag 300  
 ttaactctca ctgcgtctca cccgcttacc caaaaacaca tacacaggag ctcacctaaa 360  
 ccgaacacac ctatactcac acacattcgc catattggct gacgtccctt gttttttcct 420  
 ctttgaagta cactgacaag aaaggatgtc aactgtccag cctcagtggc tgaagtgcaa 480  
 tttcaacaat gattttcatc ttcaatgaaa tctgcgatat tccaaacaaa aaatgtttaa 540  
 ttgcgagttt taaaaaatag ccattcttg ctcttttcgc ttttctacgc ctgttttgge 600  
 ctttgtttat tctgcgacgt gtcagctggt tgcttatttt gaccgataga accccattga 660  
 tccccagact gccgttggtt ttgcaactgc ttcttatcgg ggtattttta taggccccac 720  
 tagtccggtt aaaattgctt tgtgcccgga attgcgtttt aatttctgcg tttaagtgt 780  
 cttccccaca agcgggaagg gaattttaat ttgcaaggct tttttttacg tccgttcaaa 840  
 cgcagccact gttttttctt ttgcggaaag cctgcaatcg aatgatgcta gcaagtactc 900  
 atagggtagt tatgaagctt acgaaagaat ggggatcatc ttcacagacc cactctatat 960  
 taagtttgcc accatccgtt ggacattaac ggtcacttag tatt 1004

<210> 306  
 <211> 566  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 306  
 gaccaggtca ttgaccccaa aggattactt tccgatagtt ttgtcgtgca gtattggtga 60  
 acttggaat tctttcgaca cttaacctat aaacttgga aggaacgcaa tgtagcaaaa 120  
 ctactgttct tgggtgacagg gggtttaagg tagactaaca aggacaattt tatgacactg 180



aagccctatg gagtaagaat caaagaactg ctgtattttg gtttgtataa atgaataaaa	240
cgttctacgc taattgaaga gcattcgaag aggtttgaat acagcgccat aggggtgacca	300
gcttgtggag cattgaaggt atttcttggt ttaagaatga tcacgggatg gtcacactag	360
aaatacagcc aaacaaaaca actaaaagca tttcgagcgc taacaaatat atatctttcg	420
acttgactca ttcgcattcc ggttgaccgt gtcgcgcctg cagcatgtct gaaaagccga	480
ctgttctgat tttgggtggc taagttggtc ccgcctgcac ctctcatcg tcacctgccc	540
ccgctcccat ccacacttcc gcctta	566

<210> 307  
 <211> 440  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 307	
tgtagaactt tattttcgat ttagttttgt ttactaataa acttcgttag ctatgacaaa	60
tctacaacgc tggctatttt acgcatcgct ctttgcgatt ccctatctct ccgttgtttt	120
gggaacagtg caaacgccac taactaccaa gtatttcctg cacattcagc ttttaccact	180
tttgctcctc gtgatttttg gtgtgagttt ttggatatga atcaatgcag ataacagctc	240
ttattgacta ctattatata ttaccctcag atatattccg tttggactgt tctatataga	300
actctgactt ttaacgattg tcccagggcc cgccaaggag ctgcaggatg aaattcagga	360
ggctcgcaag ggatttgata tccaagggga tttcggtttc gagattagga gacttccaga	420
acttgtgcat ggtaaactctg	440

<210> 308  
 <211> 402  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 308	
ggctacacct ggctgcgtta tcgatagttc gggccgatag ttgccgatgg tcagctaate	60
gcagtgcac tccgctagct cacagcaata acacgaggag taatgaagtc gctctagaat	120
ataaataaac aattcattaa ttaaaatagc gacatgggtca actggaggaa gtttatcttg	180
tggttcgccc aggagcatgt cgactttcgc gtgcaggagt ttgattcgct ggtcaaaatg	240
tttggacttc aggtccggcg gcttacagaa cacaccaggg taaagtgttt tagtaccaga	300
attttgaaaa cgcaagatta acaaattcca ccttccttat aacttttaaa acctgggggg	360
ttaatgatat atcccaactt gggaatttta attaatatgg tt	402

<210> 309  
 <211> 573  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 309  
 gagcagactg ttatcggtg caaccatcga ttaattacac atatcgctgg gcagaaacaa 60  
 ggaaaggata gaaagcactc gaagtgattt ttacatcag ttctattggt aacggtaggc 120  
 caaagattca gtgaaacaat tgcccttaaa cactgacat ttcaaacaat gcaacctgtc 180  
 cctcaagcag caaaagcccc ccagagagcc agaaactttc gagcacagcc aaacgcggaa 240  
 gagcgaacgc cagcgagacg aggacgccaa gatgattaaa ctattcacgc ttaagcagca 300  
 gaagaaagac ggcgagcaaa agggcagtcg gcagaagaaa gcgtccgccg gccagctgc 360  
 gcatacagaa aggtagtctt caatccagca cctggtatga tcaactcttg cttattactt 420  
 atccatcttg ggctggtttc ttccccaga tattaacgaa ctgaacctgc caaacacttg 480  
 cgccacagac tttcccgatc ccaaggactt gcttaacttc agcttatcat ctgcccgcac 540  
 gaggctttta cgaaacggcg ctttcgtgtt caa 573

<210> 310  
 <211> 483  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 310  
 gctgagctat gggcagcagc cgacgagtgc tctgctcggc acggtcggca gtcattctaa 60  
 tcgacgcctg ctgatgcgga cgcgtcctc ggatcgaatc gaatcgctt cgaatggtcg 120  
 gtcgttggtt gatcaagtgt cgcgtgcgt aatcattaat taagtgtctt aggaaaaagt 180  
 cccaattggc tatcgaaacg ggtttccatc taccagtgc tttgcgagct gccttgctt 240  
 tgcggcaggc tcattttgtga aaaagaaata tcgttgcggc cagtttagatt tcacctgaat 300  
 acctgcaatc gaacgcaatt atcataccgg caaaatggaa accacaacac ctgtgctcga 360  
 cctgtgatgc cgcacaactc aactactgtg gcgcctcgaa agcgtcttat gcaaactgaa 420  
 atcgctgat atggtgtata tcatggttct ggcgttttgg caattcgctg gcctttcatt 480  
 tgg 483

<210> 311  
 <211> 435  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 311  
 atcatatgga cgagctgcca gcgcagcttt cgccaaagct tttgttctag tgccagtgtt 60  
 aggcagcatt tgaaatTTTT tgccggttga ttgattgtat gggggggggg gggggagcca 120

ccagggggtt gacgcttcag agctttgacc tgcaaaaaaac ctagcagaaa tgaagatgca 180  
gtgacagcag tttacttata agtgaatgga gtttaatttc atttatttta gtacagtata 240  
caataaatga ttaatatattg ctatacagat gtaatgcctt gcaaagagtt acaagtgtta 300  
taaacattca agcatctaaa ttttgacatt cttagtttgc ttttaaattt tttttttaa 360  
ttttacccaa acttaaacad aaaaatgatc aaatacgaga tataaagacc catattaaat 420  
accaggccct tctta 435

<210> 312  
<211> 442  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 312  
agttgggcca acaacaaggc gcgagcataa acagcgatac caacatggcc ggcttcgctgc 60  
cgggtgcacac gggtagctat cttggccatg gcggttccga tccgccgggc agacagccag 120  
atgattgatg accgctactt gctctcaggg gctgggaact gcatcgacga aacgaagtac 180  
cagcgggtga ttaaggaggc ctgcctgcgc gccacggaga tccttcgcaa cggcggatcc 240  
gccgtcgatg cctgcgaggc ggccattgtg cggctggaga actgcggcta cacaaacgcc 300  
ggctatggct ccaatctctg catggacggc tctgtgcagt gcgatgcggc tataatggga 360  
tggtcaacg cttaactttg gcgcctgcac cgaacgtagg tcgggttgaa agaaccccat 420  
acagttggcg agaccatatg cc 442

<210> 313  
<211> 408  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 313  
gttttagtggc gagtttgtcg gcgcgaaacg ctcgttggtc cttttgtttc gaaagagatc 60  
ctattcgaag atccccgatc cttgcgagga tcgtctagtg caatatatag actagttaat 120  
ttacttttgg aaaaataagg acaccagcag ggccgccgat ttgtgcccct ttcttgaaag 180  
tcgcaaaaca aaaacaacga cgacaacaac aaagcggaga caaagaatcg acaagtagcg 240  
ataaacgaaa tcattcccgg ggaaaacctt ggagacgggt gattcactgc caataccact 300  
gccaatgga gactgatcac ggcagccatc cttggcgctc ccaataagcg gagtcaccgg 360  
aacgcgtggg aagccatatc cggaatgcag cccgccggag cttcgaga 408

<210> 314  
<211> 467  
<212> DNA

<213> Drosophila melanogaster

<400> 314

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ctgtggacgg tcgtcaatgc gtgaatatc ttctatgtgt aagtgggtgt cgtgtatgta      60
gatttctggt taagaaaagc cccaaaaacc aaagcgcccc gcaaaatata tattgagtct      120
tcttgGCCCA acaacaaatc tgccgccgga ctttcgccgg agggcgagtg aaaaattcag      180
tttctctcct ctcgacgatg cactttggag gctgtgtgag tgtgtgtgcg agtgagtgcg      240
tgtgtgtata catatgcaaa tgattggatg tcgaatcctt gcatcatcat catcttcata      300
aacacttggc gaaaaaccgc aggaaaacgc aagcagccga acaaaaaaag agagcctctc      360
aagacaacgg cagcggccaa aagtgaacgc gcaacaaacg ccggccaagc aggcgcggca      420
attatttata aatctaaagc cgttagcccc cctctctctc cactcac                      467
```

<210> 315

<211> 464

<212> DNA

<213> Drosophila melanogaster

<400> 315

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gCGgtggcct ttgtttagt caaattaggc gaaaacgaaa caaacaaaaa tcagaaatat      60
agatcgaatg ctatggcgca cgtaaagcgg tatcggaggt cgtctaagtc ctCGgaggaa      120
ggcgacctgg acaacgagga ctacgtgcc aacgtaccgg tgaaggagcg gaagaagcag      180
cacatgataa agctgggcag gatcgtgcaa ctggtttcgg aaacggccca gcccaagtcg      240
tcaagcgaga atgagaatga agacgactcg cagggtgCGc acgatgtcga gacctgggga      300
cgcaagtaca acattagtct gctggaccag cacacagaac tgaagaaaat tgccgaggcc      360
aaaaagttga gtgcccgtcg aaaagcagct gcgagaggag gaaaaggatt atggagaagc      420
atttggtca acagaaggcc cttatggggg tgtggcaaaa gttg                      464
```

<210> 316

<211> 477

<212> DNA

<213> Drosophila melanogaster

<400> 316

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gcttagacaa tacaattcaa aatgaatgta ggcaagataa gcgttgtcac cagacttcct      60
gccctccgct cgtgcgcca gtactcgagc gctgcgaaag cggaactgcc ggcttccttg      120
gtcggcgacg tggatgtgga accaatatat cccagacgg tggacagatc cggcctgcaa      180
ccacaacaca aaaatgtgct ccttaacaaa ttgccatacc aggaacctca ctctggatt      240
catttgaccg agaagtacca gagacaggca ttcggccggg atggggccca gagcaatgtg      300
aatcccaaga tttgcttcga ttcccacgga gagaaagaca gcaggcaggg tatgcaacta      360
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gaaacctcct gaaaatgctg gagaagaacc gcgcgcagaa ggagaggag ctggcaagga 420

taaatgcccg tgaagaggac attgcgaaga agatggagaa gttgaccaca gtggaag 477

<210> 317

<211> 451

<212> DNA

<213> *Drosophila melanogaster*

<400> 317

ggcgggagct gtacatgaat ttcatttggg aaacaaatth attcttaaaa tggtaagaac 60

acggccggtg ccgtgtgttc cgtcgccaga tgtgaacacc gcaacgagac gcaatcccgg 120

gcgtcccaag aaacagtcca tcggagctga cttaagcaca acgataagca aaccggggcg 180

tcccaagaag ctgtccatcg gagctgattt gaccacaata cgtaaaccgg ggctcccaa 240

gaaactcgga gctgatttga ccacgataat acgaaaaccc gggcggtcca cgaaactatc 300

aaacaaacaa tctttgacag ccctaaacga gccagaagtg tcgcataaga aaatgcgtgg 360

taaaaataag gcgcattaag gtaaaaaacg gtgtcgtatt ccgaaatttc tcgaatgatg 420

cgctgggatg tgggatgcca gcacttttga a 451

<210> 318

<211> 334

<212> DNA

<213> *Drosophila melanogaster*

<400> 318

gtatatacta tacgcgagag ggagcaggca cacacaaacg aaaagcctgc ctccaattga 60

ttagtattag tacttcgaat agtattacta tggttattgt tttcatctag ctgactttca 120

attgtttggg gctgatattt agctagattc ccaggtgag attactcatt tggcttttgg 180

ttcgagacca ctgtgccaga tttctgggtg agagcgtggg gagtttcggt tcaactcacc 240

acagaaactg ttgttgagcg tcgcgctctc tatttaggag gctctctccc acacacgggc 300

acactacagt ccaaaaatga acgaatatac caca 334

<210> 319

<211> 393

<212> DNA

<213> *Drosophila melanogaster*

<400> 319

cctaaattgc aacaaagaaa attgtatgaa atatacgaag cgaagagcag agcgaaagcg 60

acgatgaaaa agaggctgct gcttgaaaaa taagaagagg tggaggagca agaagaagag 120

cagcagcagc cgtcgcgagt tttttacacg cgtgtgttag tgtgcataca attgtgtatg 180

aaaaagaata aaagctaata taaagtgtca aacgtaattc tgtatatctc cgtgttttct 240

gcagcgcttg acaacgaaat ttatattaca tagtaaatgc gaaatacaac aaaggttaat 300  
catattgctt aatcagagta ctgcggtttc aaacgtcttc gtcttcccca tcttctaaac 360  
tggaatgcac ccaacaccaa acaaccaaaa ccc 393

<210> 320  
<211> 147  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 320  
cgctgacgca gcaccaattg cgacattcca aggccagcaa taggttcac accaccacct 60  
ccacagcccc accacacaat atcggaatca tgagcgtaga gaagccaaag attgtctttg 120  
ttttgggagg tcccggggcc ggcaagg 147

<210> 321  
<211> 602  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 321  
accagtgttt cggcaagcgc agccaacttc gcgctatgtc ggctgccata ttctttcttc 60  
ttgatttcaa cgagaaagggt ggcatttgcg ttgttctcga tttggttaag ttctagcggt 120  
ctctcagcgt cccaagcgt cgcgaagtgt agaggataa tgcctgcacc acgtgttgcc 180  
gtctatttgg ctgccggccc gctaaacctc ggaggtaaatt tgagtttacc cacacgtgca 240  
acgcagcggg caaatagtga ataaaatttg aattaattgt agcgaacca taatggacct 300  
aatcaaatag tctatattac taagcgaacc tgcgttgatc aataccaaat ttaatatcgt 360  
ttctctttct ttgcatgctg cttttctctac tgctgattta catggatctt tcaataaagg 420  
taagaacacg tgtggtctta aaatgcgtga ttaattctgt gatgaatgat tgagcagaag 480  
agttcttgaa gactatattc atcaccaga ctgatataca gaaatctcgt gctttattca 540  
agaaacataa tctaactgcc gactttcttt tagttccatg ttcacctttg gctgctaatt 600  
ca 602

<210> 322  
<211> 1073  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 322  
ttttttttgt agagctgata agggaataaa tcgggccccca gcaacgattt tattgggagt 60  
agataagaat accggaggag catcgacgtg gttgtcggaa attaagatga ctgctttaat 120  
ctttagtctg atctccaaca tttagaagag ataaaagtca agcacctggt ataaaaaat 180

acattttgta	tgtttgattt	ctttacattt	tttagtattt	caaatagaag	caaccatttt	240
gacaacttat	gtaattgaag	tatttttgtg	gtgtactatt	ttctaattaa	atcgaaagtg	300
cgaaagctca	aattttaatta	taagaaatac	agtctctcaa	taaactaaat	aaatcttgaa	360
gttttcaatc	tgcccgccga	aatgttgggc	agtgcgataa	ccggtaatct	attatcgcta	420
tcgatatgca	tgccctacgc	cattttttagg	cacattttga	agaagccgct	gtttactcgg	480
gtcaacaaaa	gttcacgaat	tatattctgg	attgtgataa	gccgggcaat	attcgacttt	540
catccccgatt	gccgggcatt	aaacgtagcg	tgtgtgtttt	caaatcggat	cacttgtcac	600
cgaaacaccc	ccgggaacgg	ttggaaaatt	catctcgccg	gcagttgcct	ttgtttttga	660
ctgggaaaat	atggtattca	taacgaaatt	cgcaaggatt	gggctgcagg	ccgcccgcc	720
gcttagtgtc	acgccccttg	gcgcggtcca	ggctcgcgcc	attcacctga	caagccttct	780
agccaaaggt	aaggcaattg	tttatgcaat	agccactgaa	tctcaaactg	taatccccgc	840
cagaacgccg	atacacaaac	aaacacgagt	gggtggaggt	ggtatccggc	agcaatgcc	900
tagtaggcat	cttcagctac	gcccgaggag	ctctcgggga	tgtggtggtc	gcccacttc	960
cagaacccgg	cacggaactt	aagcaggatg	acgaatgtgg	ggccctggaa	agcgtaaag	1020
cggtacgag	gtgtattcac	cccgtagtgg	caaggtaatt	ggaaagaatg	ccc	1073

<210> 323  
 <211> 501  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 323	
ctctgggtcg	tcttgcagtt agccggagct gattcgcccc aggaggagca aggcgttcgc 60
tacgcaaacc	gctgcgaagc ctgcaaaatc ctggccaccg aattggaagc tcgacttgga 120
gagaccggca	agtcgcacga cgtcatcgaa atcggatact ccgttgacga tgtgaagccc 180
aagaagcgca	ctgaataccg gcgcagcgaa ctgcgactgc tcgagtcctt ggagaacgtg 240
tgcgagcgag	tggtgggagt acaatctgca caaggaacgc tctgacagca cgagattcgc 300
caaaggtatg	tcccagacct ttcagacgct ccatggccct tgtggacaag gggcgtcaag 360
gtgggatctg	gggaataccc tacgaagctt gtggggacaa gcccccggtg ggaaggtcac 420
cccaaatagaa	aacccagtg gcgaaaacct actggaaggg agtacgagga aaccatcagc 480
gactgggtac	ttttaagcac c 501

<210> 324  
 <211> 468  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 324  
 gtttaaccca tcgccgccca gttaacccat gacttcggcg gcgagtcacg gatggcagaa 60  
 ctgtgcggaa tcgaaatgcg agttcgaacg cagagtgcgt gaaaatgagt attatgggaa 120  
 acattgccac aaattgatgc actacgcagt gctaccttta attgaattat taattatgta 180  
 ccttaatgaa tgcataattg aataataaac tacgtgcaca cgtccccaca attgttgtgc 240  
 gcatcggcag cggaattgtt cgccgttttt tttttttggt ttttggcctt ctctcgacca 300  
 gccactgtta acctttaact tttgtgcacc gaaccgaacc aaaccgaccg gggcgaacca 360  
 atgttttcgcg gtagtaaaca taagttgggg ctcattaagt aatcacatgg aatattcccg 420  
 cagccaatta aaccaaaaag ccgcagaagg gggttgcggg gcagcggg 468

<210> 325  
 <211> 422  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 325  
 gtcgaggcgt aacatttcgt gtctttgaaa tgcatatcat cgaagtcacc agtttcagtt 60  
 ccaagtttca gtagatttcg ggacatcgtg cggatcgaac gtctggcgct gcgttcacgc 120  
 gactcgtacg ctgcaaggaa tcagttacca gtgaccagta aacagtgatc ggtgaatgtg 180  
 aacagtgact agtgaatgag acagtgaacg agtaacagcc cgaaaattgt tgcatttacg 240  
 agaaatcgca tggatattga aaaaggtata gccaaagatg tatggtaaac aaaaaaaaaa 300  
 aaaaaaaaaa cgcgtgccgt tgttttttag atacacgtgg acagtgggaa tttgtatcta 360  
 gattgttttg gttgggtttt gcttttagca aagtgtactc acccgtgtgc taaatgcata 420  
 cg 422

<210> 326  
 <211> 354  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 326  
 tgcccgtcat tctccggcag cgacaaacat ttcaaagtct cgcgttattc cagtctccga 60  
 ataaattagc atgttgaaca actacaacag cctagcgcag cccatgtggc agaacggacc 120  
 cgctccccggc gagttctaca acttcacggg cggacagacg ccggtccagc agctaccgcg 180  
 ggagctgacc acaatgggac cctatggaac caagcacagc acgtaggaac tgcggatatg 240  
 tttatatgca gatgtaccac ttgtttacac tccttttact attcccgcag tgcttccagc 300  
 accacgggca ccttccgtgc ttgggcattc gctatgatta aggagtgatg ctgg 354



<210> 327  
 <211> 227  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 327  
 gtcgcatggt ttatgctcaa gcaattggat gagtacaaaa acgcagagat tttccgcagt 60  
 cgggacaaca aggctttgaa ggagaagtgc gatataattg tcgacgtggg cggcgtttat 120  
 gatcatgcc aaaaattgta cgatcaccac caaataacct tcaaggagac ttttagttcc 180  
 gttcgcccag atgtaagcga ggactacaac gttgtcaggt gaattcc 227

<210> 328  
 <211> 513  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 328  
 agctcgactc acttttcttg ttcttgctac ttttcacacg ggtatgacag atctgagtga 60  
 tggttggcaa cactggcttt tccagggatg gacacgttta taactgtcgc tgtcacggaa 120  
 cagtgaagata tttaaaatgt ttctgcttca gtatatttca aattcgggta agatcacagt 180  
 tagtttatca ttttccttat atttaatttc ttctatcttg cccaaaaaaa gcaaaaaaaa 240  
 aatcaaaatc aaaccttggt tctttttcaa cgggtccacat tgatgctggc tactgccagg 300  
 cgggtattttt tgatgattta attgcggtca cactgcatct tcaacttgac cgccgtgcta 360  
 tttgattaat ctctctgaaa aataagtcaa attaaccgat taaagtttaa aaaaagggcg 420  
 atattgggaa agttgaaaca gaagcagaat acgggttagtt cttctgggtc cgcaccaagg 480  
 tgtggacatt tagaaaagcg ttatattggg gac 513

<210> 329  
 <211> 247  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 329  
 gtccaggccg tgcgctagca ttaacagtcc caccactaac gcaaaagttt tcggctgtaa 60  
 aaacgtaaat atttaaactt taagcaagtt tagtgtaaaa ataatcaaat catgtgcgtt 120  
 aatttgcaaa aagtctgcgg ggctatggtc catttagact tagtactgga ttcagcggaa 180  
 aactcgcatt tcgctgtgctt ttcacttgct ccacattcga ggtccgcttt tgcacatgt 240  
 ggaattc 247

<210> 330  
 <211> 510  
 <212> DNA

<213> Drosophila melanogaster

<400> 330

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ggctggacga gggctgcacg tgaattgatt gatgatgagc agaactgggt cgttgaacta      60
gattatggaa ttaatcgatt tcgtactttg tgtgaaataa acttgtaatg accttttgct      120
taatatttat taaagattta ttcaattttt tgttttatTT ttaaatgcag ttttaaatta      180
ttgtttgttt acatatgtaa cgacagccct ggtgtttcct gtctaattggc aacgctctga      240
aattgcgcag caaccccatc tggccacact gaccatttag ttttttgttt atgttggggt      300
gtcggaaaaa tcggctgttt tccgtgtgtc ccgtctgcca tgaaaagctg ctaaaaagct      360
aaatataaaa atcagcgcag cacacacgtt ccgtctgctg cattggttgc ccattctaatt      420
gggaaattat gtgagtgccg agtcaggaaa acgcatcgtg ggtggtatat atccttatat      480
ccttaagtat gtaactgcgc cccgttggtt      510
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<210> 331

<211> 432

<212> DNA

<213> Drosophila melanogaster

<400> 331

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ctgtaagggt agaatgcttc ttcttaacga tttgtcattc gcctttcttt agagatggtc      60
ttacgcgaaa cacaactatc gcaagccaaa acgaaaatgt aggggtgtttc aggtgcagat      120
aattgttttag aaatacctta ttgattaaaa ataatgttct tgacaaccta gaaataaatt      180
taagtcaatc aagttactca atgtcggtat ggtcacaatg cgtacaatta gttaaattag      240
ttagtttggt caatattaaa aaaatccttt ttttaattaa aaaatagctt taatattatg      300
tatcggaaaa tttaatggaa catagataac actatttata atattatacc gtgttataat      360
tgtgataggc atacacaaat ttataagggg aaaaataagc cagggaaagg cggcccaggg      420
tggccatttc gt      432
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<210> 332

<211> 65

<212> DNA

<213> Drosophila melanogaster

<400> 332

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aatgagccta acttgattt tcgatcacac ggggcgacgt ttgtttcaac gataattcgg      60
aattc      65
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<210> 333

<211> 529

<212> DNA

<213> Drosophila melanogaster

<400> 333  
 gcgctgtccc aattggaaaa cgaagagagc tcgacttgcg gtaatcgag cgcagctttc 60  
 acccatacga agacgatgag ctgacgttgt tagaataact tattggaacg tgtccattta 120  
 gtttgttggt ggcggcggga gggttagagc aggagagcgt ggtaatcaca tgtatgtcta 180  
 tgccttcgcc ttactggcac tcacttacac acatacacac gcgcacagct gcaggtggaa 240  
 aattaaaaaa caagagcggga aagagtgcga tttaaactcg ctggcaagcg gcacttacct 300  
 tgtttctttt tacgtggcca atagtaaagt gtggtcggta tcaatattag cgccaagaac 360  
 gataacacca aagtagtagg aacgttccgc cgctctcatc atactgaaac ttttgacccg 420  
 ccatctccga cagcgactat atgtattttg atttttgtgg ttttgctggc actggctttg 480  
 gctcggttcg ttccgttctt tctctggcgc gttttcctgc cttttcttc 529

<210> 334  
 <211> 486  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 334  
 ggtaaaacaa ttgaaatggg tttctggctg cgcttacacg tcaactcagcg gtgcccagtt 60  
 ggttcatctg ttatcgatgt gaaaactcca gtttaagtatc gatagctccg atgttgttct 120  
 tatctttaaa agaccacctt tttctgcgt tttgtaggca gtatatattc gccgataatg 180  
 cacattataa ctttcagttt tcaattaact cgacatcgag atctggtagt tttttttgt 240  
 tcttaaaatt tcttgttttg ctttactgg attgaaaagg aactagttga gattcactta 300  
 ctggttcgat tgtattttatc gatagattat cgattgtgaa tgggcggaaa aatagctaag 360  
 ctttgaattt gctccacgtt gactttataa cgaaattgct aagaaattgt atgaatataa 420  
 taatggttta aaatttattt acattttcat aatttttacc attaagttgg atccgttttt 480  
 aaatgg 486

<210> 335  
 <211> 473  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 335  
 ctccagttctg cccaatgcgc gccgcacacc tcggagccgc aaattataaa cagcactgtc 60  
 ttcgatttaa cgggctggcc tatcggtcct atcgatgact cgatagtgcg agctggagtg 120  
 tgaccatttc ttggtaaaag caaaatcgtg aagagtaagt gtgcgatact atcgaactgt 180  
 catatactca accaaataac atctgaaatc tgtttctcac taaaaccgaa atttccatca 240  
 gggttaggaa aatatagttt acgcacatca agttgcatag gtcaatccta cgtaaaaaag 300

gctcgatata ggtaaggtgg gacctcagcc tgaacagggc ctaatgcaaa tacattccga 360  
 taaatagatg ttatcgataa ccatttggtata taccagta aatgctttgt tttggttttc 420  
 attcagaaaa ttgacataca tttcttagtc tgccataagt tcttggatt gaa 473

<210> 336  
 <211> 384  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 336  
 atttaaacca aacaaagggt tagtttagag ggttcttcat cgcgagaaaa aggtactacc 60  
 atgtcattgc ccacgaccag agccaccacg gccacgacca ctcacgctgt ggtccaggt 120  
 gtggaaacgt atattcagaa ccagaatttg cttggcgaga tcgctgagct ggacgacatg 180  
 ctgtacgatt tgggtgtccat gcacaaagac aacgagctgg ccttgaaacg ggtgcttgca 240  
 gtgcatccac aacctgttgc agacgaacag caagttaaac gtccgctttg gccaaaagt 300  
 tttcacaac tggtctcgt ggtgattgcc gacagtcgtg aggattcggc agcccggt 360  
 caaatggtgg ccaatttact ggtc 384

<210> 337  
 <211> 314  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 337  
 cactggactc tctcgcccgt ggcgtagatg gccgagtccg caccagcag tttcgctta 60  
 atttcaatca tttatttact tttttatttg gtcgcgactc ccgtagagt accgtctgca 120  
 ggaattgttc gataggcccg ccgatagtga tagcagccgt gcgcgtacgc caaccacttt 180  
 ttaaagtcc cacctctgat aagtcgtgtt actgaattta aattttcttt ttactctagc 240  
 agaatcccag gtaggccttg ggtataagct cgaaacattg tcattgctgt cgcgcagag 300  
 aacaaccaga attc 314

<210> 338  
 <211> 489  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 338  
 ccctagcact ctcgcgcact tttggcgctc tctaggcca attcgctcg tctttttctc 60  
 ctctgctctt tgtcgtggtg cgatcatgtg tgggggtccgg ctcgcgctcg ctaaactctt 120  
 aaccagtggc tttttaacca gtttaagttt acatttgctg gagcgcagac gtgtccggaa 180  
 agcgaacgga agacaagtgg aacggaacac ggccgtataa tcagaaatca aacagagtag 240

tggtgtcgtc actttttgca ctctccataa aaatccgtct gccagtgttt gttgcttctt	300
cttgagtgcg gggttttcat gtatcgccgc cggatttccg ccttcgagcc cagcacaccc	360
cgcgtgggag tgctaccctc tccgccggt caatatgcc acccccccg cgacactgcc	420
gccccgaaaa cgccacccaa ctgagcgtac actttggacc ccaatttgcc gaagaaaacg	480
attgcaaca	489

<210> 339  
 <211> 524  
 <212> DNA  
 <213> Drosophila melanogaster

<220>  
 <221> misc\_feature  
 <222> (1)..(524)  
 <223> n = ambiguous/unknown nucleotide

<400> 339	
ctcgagcatt tgtgggacga gctgagcggg gcgcacaaac tgccaagtaa gtggagcatg	60
tggatgaaag gagttcccag aacagtgttg ccaacaaaaa aaaaaaaaaa gttaaaaagt	120
taattttaat agtgtaaata aatatgaatt aaattaaatt tttatgtaaa cagtattagc	180
tttacctgag attaccaaatt tgtgagtgtc tgtgtttgtt tgtcttttaa aaactttaaa	240
agcacataaa gaaatatatt tttaaatttaa ttaaaaagtt cgtaaaaagt aacaaggtag	300
ctaaattaaa aagtttctta ttcaaatacag atttggcgaa caaagagctc aagttggcaa	360
cactgacaat gactccaagc gcgaacaaag cgatttctat cgttatccca ctctctctcc	420
cagaagtatc ggttctcaag gccaaatggg aaggggactt cgagacaatt ttccgggtng	480
gagtacaaaa ggataccgcg ggccggataac ggtgatttta tggg	524

<210> 340  
 <211> 431  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 340	
ctcccaacga atcgaaatca gttgttcggt gtgcgtgtgt ggaaaaagtt cgagttcgcc	60
gagagaagcg tgaaaatccg atatcgaaac tacgtttttt tttagtcata ccgattggct	120
atgcaaattt aattgcggat ctcccaaata atcgaaaagc caacaggtcg cccctcaacc	180
aaaataaaca caacaatcga gccgcaaata aaacgggcaa aaacagcaaa ggcaactggc	240
gaaccgctta accggtttcg aaatatccat cgtagcacag tttcctcgtc catataatat	300
tccgattgca gtggatcaaa atataaacac acacactcgc atataaattc gcagatatac	360
gttgtttgtg tgagtttctg tttgtgggtc gcgtgaaaaa tagttttgac aaatatatac	420

<210> 341  
 <211> 589  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 341  
 actcggccta aacatacgtg tcggaaattt tctgtcttcg tggacgaagc cgagaagttt 60  
 tgtaaggac cttttcaatt gcatttaaaa aggtatattc ctccacaagc accgcaataa 120  
 cagccgcagc catgggcgta gccagcatgt tgcagattga cgagatgctg ggcgacttca 180  
 acagaatgaa caagcgtcag gtgagcagcg ccgcttctcc gggcaatgca cccatatatc 240  
 atcctgattc gtgccctttc cctcccgag tcgctgtacc aggtgctgag cttcgccatg 300  
 atcgtctcct cggcgctgat gatctggaag ggctgatgg tggtcaccgg cagcgagtcg 360  
 ccgatcgttg tcgtgctcag tggcagcatg gagccggctt tccaccgagg cgacctctc 420  
 ttctcacta actacaagga ggagccggtg cgcgtcggcg agatcgtcgt cttcaagggtg 480  
 gagggcaggg acatacccat tgtacaccgc gtcatcaact gcacgaaaag tgagtttctc 540  
 ggggctacgg atatggaaac caatccagaa agcgtcttta agatgaatg 589

<210> 342  
 <211> 911  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 342  
 agtgagccaa aatgggcgat aatgtgattc ctgctccgct tagccgtatc ccgggcacca 60  
 gccaggcgaa ggagaagcac agcaaggacc tgaagaccct cacctatccg cagctgctgg 120  
 agattaagga caggcagtct cactttctgt cgttcaagtg agtttttagtt tccacctgtg 180  
 gagttccctg tgaatttatc ttatttaatt ttatctctat ttagaaagcg tttgcaccaa 240  
 ctgccggaca agggaaagcg tctgcaggag tcgtacgaca aattactggc cgagatcagg 300  
 aggcgggatg aagtagagga agcgactcga atgttgagcg gtctcaacat tgtcgaaaag 360  
 ggcaaaattg ctctcaacaa tctggagtgg gaatggcaga aacacggacg agggcgccca 420  
 tgtggacgac attctggtac agcgatgatg aggtggagat ggatccgttg cggattatag 480  
 cgcagggaac aatgcacgag aagaaggtca aggttttgcc tccgccaacg agtctcatta 540  
 cggcagatga cctggcggat atcgaggagt ttaagaaacc aaccgactcc ccagattccg 600  
 ctttggcagg acatagtac accagttccc ttccagccga aatcgtagaa atcgacgcca 660  
 gtcaagtggc cgcaaagctg agcagggagc tgcctcccca tcagcatgcc ctctacctca 720

tcgataagac ggaacaaat gtgaatactc ctagggaaaa gtttatgccca ttccgcacca	780
cgaagtccaa tgtccacaat cccgacaagg agcgcgtgcg caaaaagggc aagcattggg	840
aaataacggc agcaactccg acactcatcc agcacaatag aggcccaagt tggtgccatt	900
ggctgagtcg g	911

<210> 343  
 <211> 1176  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 343	
ctgtggtcgt tgccgccatc ggagatctta cactgaaact tgaaggcgga ttctgaatat	60
taattcttct tgaaaaaagg cttttatata tatacataga tctatagctc cctcaaaatc	120
attgcagctc attatcaaac atgctttaat gctgattcgt ctgtataaat atttaattat	180
tgtctaccaa gtcattggaa aattttcacc actatgctta ttgcgcaaca ctctcggaat	240
attttatttt ttccatggtc tatttgtata atttcttacc ttaatgcaa gaccatttga	300
atatttatac cctgtccttt gctgttttgt tctcttatca atgcccttcg cattgaccgc	360
agttttcaga tttccttgcc tttggcatca ttaatccctt tcaacatggc caaaagccat	420
tcaaaactga attgttgaga gctgtcactt ggcattttat tgccatcaga tagctgtact	480
cacaacaaaa ttctacgaca acccaaccga caaagcccac acgatgatag ttaattaaaa	540
agttgttggc aactcagaa tatcatgcaa aattagcctg gctaactggc cttatcataa	600
ttatcagcaa tccccaaaca aaactttaca acatgataat tattaataa aaagcaaata	660
accactaaca gtagaaccga attaacattt gtgagctcag aaaacaaaag caaaatacag	720
gtgaaacaaa atgcagcagc atccgtttac taatttatac gcaatctcaa ataatttaca	780
aaacaaatgg ttaaccgaaa gaaatatttt aacaagcttt cttgaggcat tacaaaaatt	840
aaaataatat atttcagaca gagcaagata tctattttaa tattatttta tacaaaatga	900
agcaattggt aaacaatttg gacaacgcg gcaatcgacc ctatttgtaa tttaattgat	960
caaaagcgaa tgtgtcttaa agcagtacct ctctactaca cgcttgagg taattgaatt	1020
tttgcathtt tattttccgg gtcttttaaat atatataata taatatataa ttttcagctg	1080
atattattgag tttgggtttc tttgattaac tatatgtgag ctgtgtggac tgctacttta	1140
agggtaagct aatcattttc atattttata atatttc	1176

<210> 344  
 <211> 106  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 344  
 gttcggcatc tccgcacgtc acgtcgtcaa cgccgttaac gagatcctca aggattaggg 60  
 gaccagtcgt gatctggcta cattcattta cgcctacag gaattc 106

<210> 345  
 <211> 143  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 345  
 acccagtcta tctaaatttc tggttttcag atactagaat atgcgtgcaa tttgcggatt 60  
 tggacagatt ttggaccga aaaaaaacta atgcggatcc agtgtgacca ccgctcgacc 120  
 gttcaaatat accatgggaa ttc 143

<210> 346  
 <211> 510  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 346  
 gtctggacta cacagcattg ctgctataag gagtcgggac cagaggagta agaaggaagg 60  
 aatcccgtcc ggtagggact actagcattc gcaagtgcg tccagcaacc ggaggacccc 120  
 caactgtaga atcagcatca ccctccta atccaacaaac caatgacatc ttgagacctc 180  
 accagccatg gatcccttcg tgttcttcat agtactggca tcgctttatg gcgttcttta 240  
 ctttttcgac cgcttcttca aggtgtagta tatccagcca aagttcgtcc agatacttaa 300  
 tgtaatccct tagagttgca tgcactaccc gtacgatgcc ttcctcaaga acaccgggct 360  
 tgagtataaa tttcatgagc ctccactggc acaacgagtg cctttaacag gaccctctac 420  
 gctgggggat ctggccgta acagctgcac ccggagagta atgatcacca gtttatgtta 480  
 ggagtccctg gtcacctttt ctctgttccc 510

<210> 347  
 <211> 528  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 347  
 atctgttcta ttattgtttt ctttttgta agagtttgat tgaatcggat tggatagaag 60  
 cctgggtgaaa agacaaagaa ccagcgtaaa gatgcctcgc cttgtcaatg gccgcgaagc 120  
 cgcgcccacg tactcgaatc tggttaagttg aacttcaatg tgtggagcca gcgactcctt 180  
 tcacaaaaac aaaggattgt atgcatttgt tgcattgtttg ttatgctgtt tgcgcaacaa 240  
 atgtgcattt ttacaaaagt cagaaagatt tgtgcttata tttttgtata aaacgcctta 300  
 agtacatata ggtgtgccag tggaaatata agaactctact ccataacgcc cacttgcaca 360



atttttgcgt tgtgtgcact tattttcggt ccacaatctg aacacctgtc gctccgtgag 420  
 ttaaaaatttc cttttctatc cacagggttg cttcatattc attttcaatc taatcggttg 480  
 aaccggagcg ctgacgctac ccggagtctt tgccagggca ggatggat 528

<210> 348  
 <211> 551  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 348  
 gacagaagtt tcaataatag cgatgacact cgtaatggta tctacagttc gcagggctca 60  
 aagatatcga tactttgcta gggttgtgta atagtaccgt cacgacaagc gcctgcttga 120  
 aaaaacctaa ataatatgaa ttgctataat gctttttaag acaaatgaaa tatttcctaa 180  
 ataatgttca actgggtcat aagcttacia ctccaactga gtaaacctaa aatttctaaa 240  
 tttaaaaaat aagtcgacat aaattcagat ctgacgattg gtgcttcaat cgaccctgcc 300  
 tattaagtgg ggcagtcccg aattgccaac cgcagccaac ttcctcacgt tcgttgtcac 360  
 tgattgcaat ttaataaaaa aggaaaggaa tttatcact ttaaaaaaga cgtagaaagg 420  
 tgtgtgtggt cgtgggagaa acccgattta cttgctaaaa ccgtaagtat cctctacccg 480  
 aggaccaaga gaaacctttt tcggcccgtt gcattgctat tttcatggat tttttcgcat 540  
 ttcctttttt c 551

<210> 349  
 <211> 177  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 349  
 tgcgtaatta acgctaatta ggcagaggag acaatttagt tttattcgat cagcaataaa 60  
 gtgcgggttc acacgtcacc gaacatttgt tgcccaacac cgcactgcga acttcagctg 120  
 caagtggagt ggaaaaactg ctgataaccg atgaaccag agacaactaa ctagccc 177

<210> 350  
 <211> 328  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 350  
 gcccgcgcta tccgagtgcg ccccatgatg cgtggcatcg cctcgtcgtc agtgtggaac 60  
 cggaatcgtc ccgttcagag ttccctgatg caatactgcc gggatcggtc gttgcgcctc 120  
 cagcggctcc acggagccaa tttgatggtg cagcgtttct acagccgcaa gcgggatgat 180  
 tccaacgggg atattattat gggaccgat cttatgtccg atcaagatac ccatcttccg 240

gcaactgtgg cgggtgcccg accgtgtggc cacatgttcc gttgttgcc atgcgcaaag 300  
aatcctctct tccccgctt tattgaaa 328

<210> 351  
<211> 531  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 351  
accgagcca accgaaagcg ccacaaagag ctcttttctc tcccggtccg gttgactaaa 60  
aaaaaattaa aaggtgaaag cgcgtctcgt gtcgtctttt ttcacattat tttttttttt 120  
cttaatctcg tgaatgctac ctactactgc agcatctcat ggaaaaccat tcttaagctt 180  
tttttttttg gttttttgga atgcaaattg cgcttatata ataggccatc gcgagccctg 240  
tgtgtctgtg tgtgcgagtg agtgcaagca tgtgtgtgtg tgtgtgtttg tgtttcaaga 300  
atcgaacttt atgctttgtt tacatttccc tttcacaatg accaaatgtg tgtagagaac 360  
ataatttgtt taaaggtttc cgttttgtcg caccaacgag tcgcattgcc acccctgtga 420  
gaaggggctc catagccccc aacaccatt cccacccct gtctcctgc tgctgcgccc 480  
ttaaaatttt caattgaaat atgactgcac acaggccagc cccaaacgca g 531

<210> 352  
<211> 1109  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 352  
gtcctgccct tcgacggagc aactccgatg gcctcagcac cgactacgcc cactcccttc 60  
ccaagaagga cgatcagaac gccctctcca gactggtgca gaatactgcg atgtacgtag 120  
ttgatagtgt atagggtcca catttggcac tatcatatac aattccattg attggaatgc 180  
tagcatttta cagcgattgc tatactatac tatactatag tagtatacct acgtagtatt 240  
agcgatggca ggatctagta tgtagtatgg ttatacccaa gcatttatcg ggatgttcaa 300  
tgcaacaaag caacacagcc ctaattatcg cttatctata ttatatttgt attcgcttat 360  
acgctacttt gctctccaga aacatgataa acgttggagc catggactgt cacagcctgg 420  
agcaccagga gtacgccgat agaataagat tgtactcgca gcggttgcac caacagtggg 480  
aacaacggcc agcacgccag tatcgcccaa aaaggtttgc aatatagcta gattgaaagg 540  
gtgaatgatg actaacaatt aaatgaacaa caggtctcct taaagatgta ccaagccatc 600  
agttctatct gtctaagcca acctatccag atgacactgc tcaagtgagt tttacttttc 660  
gcaaattgct tgttgcttac caatttcgta tgtttttaga tgaagctcct caccgagaag 720

gcacacatca gtgtctcgca catcacagatc gaccacaaaag aggccgtggg tgttccttc	780
cggattccct gattatcgta tcttaagtga aataaagtga taaatttata taaaatcaaa	840
atctatattg gtactaagta gcccttgaat aaccaggtaa tcgacttatt ttcattaagt	900
gtacagaagc aaataaatac atactatatt cttaacacgg caagacattt tttttattta	960
ggaaggcaca cacacacaca tatagctaaa atccaaaatg tcgttcgatc ttaaccataa	1020
attttgggtc tacacgcgca aggaaattgg tcaattaatc aagaagcaga ccgctgaaga	1080
agatgaccgc agaggaaaag catatcgat	1109

<210> 353  
 <211> 382  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 353	
ggtaatcctt ttattacaag gtccataatc ctctgtatcc ttagataacc ttcccaaaca	60
cctacaccaa cgcgtgctgc agccatccgc tttacgagat cgaacaggaa cgtcaggagc	120
gcaacgcaca gggcatccgt gtggccgctc aacgacgtct caactacgaa ctgggcattc	180
ccaaagagga actgcagcca caggactttc gctacctgac ccgcatccac tacgcagaca	240
cgggcgacgg cgtgtggggc gagcacgaga tagactacat cctgttcctg caaaaagacg	300
tgacgctgcg tccaaatagc aacgaggtct gtgaggagcg ctacttgccg cgcgataatg	360
attgacgagg cggtggccga ag	382

<210> 354  
 <211> 533  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 354	
ccctggcctg agttttcctt ctttttcacg cgaagttcac actatttcgc gccaaatggc	60
aaataagcat aatttgtgca aaaaaagaag tttggatttg agcgaggaat caacaagcga	120
aagccatgcc aagcgtcagt gcaccgaaaa cctcttttgg ccggagggcg aagacgacga	180
cagcttcttt tccaacgcgc atctggagga tttgctggac ggacgaaagg aggagctctt	240
tggcacgcaa gcaaccacaa gtaccaacaa gatgacgcaa agtgggtcgg atgatggact	300
gggactcttt gcggacacat cttttccaag tgcacaggag tgttcacccc aacagtgcct	360
ctaaaccgga tgaagccagt gcaccaactg ataaacatca aatcgacctg gcggacgagg	420
aaaacgccga caagctgttt aagaaaatca acctcaacga tctgagcatt gccgaaatgg	480
aggatatttt tcatggcgcc gatgatttta gtgatcccat gggtcaaaac aca	533

<210> 355  
 <211> 457  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 355  
 ggtcaatctg acgccagttt atagaaatct tttaacgttt cggtcgtaaa tcggctcgaa 60  
 tgctagtaga aaattagtaga ccagcgcaaa acgggtcgaa aggcaatgag gcatcaaaaa 120  
 gttaactaaa ttaatcacaa ttaccgtgag aaatcagaca gtgcagcgcc acagcgactt 180  
 taattcagaa aatttgtaac ctggagcgca ttactaagaa ggactgttgc ccataggaat 240  
 ttgacagact ctggcgactg tcaaatgtgt atgtaacatt tttaagttag gcgtgatcta 300  
 ggaaaaattg tgaaaactgg ctaccagcga taaattgtcc aaatatttcg tgggcatgga 360  
 cgaagaggag gaggaggagg ttaccggatc taaagctgca attgttccac aattacagta 420  
 cgcgagcaca ttgtaagtgt ttttctggat tgaattc 457

<210> 356  
 <211> 489  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 356  
 gcctgggtcaa tctgttctgc ggcattgctg tgggcattgt gggttcgggt gccgccctct 60  
 cagacgccgc caatgccgcc ctgttcgtca agatccttat tgtggagatc ttcggttcgg 120  
 ccatcggctc gttcggcctc atcgtgggca tctacatgac ctccaagtcc aagatgggag 180  
 acaaggagta ggcgccgctg ccagccatcc agtgtgagta tgaatcattg cagagacagc 240  
 caagggtcaag agaatagcac tcgcgacgga gcaactgaag ctttatcact tgtaggctgc 300  
 attgcgcatc tcgcgtctaa gagaatgttg taacgcactt gttcttgcgt ttgataaact 360  
 cagtaataag ttaatttaac cgcataaaca tagaggagct accagctctt ctctgagatg 420  
 cattttatga aacctaagc aatacactcc tgattgccat ctttcgggtt tgccaagtgc 480  
 tatagctcg 489

<210> 357  
 <211> 1043  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 357  
 ccccatgtca agttcagatg acgatgggtt tgaccaggat gagaacaaac tgttgcaggg 60  
 cctggagaag tccttgaaat ccctggagct gcagaagaat gaggagtaca tcgaatgcc 120  
 cccatctgag cgtaaagtcc ccccatctga gggtaaatac caccttatgg ttaagcagcc 180  
 ataattattg tactatcaag ctttttgatt tcagtggggg agtacgtgat gcaacataca 240

cggttctccc tgaccgagtt aacaaatgcc ttaaaaatgc cagccatcga catgttctta	300
tactttttgt ccgataagcg agatctcttc gagaatcaaa gtgttggcca ctgacaatgt	360
gaaacgagtt ggctgttcg tggatgtcct gtggctcgtc tgtgaactcg aattgggcgg	420
attcgatgaa gtctttctgt ccgcattcag ccggcagacg gcgcttctgg acaagatcaa	480
gaatcttttg caggccaaag ccgctgtggc aaaatgcgat gcggagtcgg cactgatatt	540
aagccatagt aagtggatgc ttctacgagc ccataagcat ggctctctta gtcaccaggg	600
ctacgaattg gtggaacttt ataagaaatt ggcaccttcc tttaaaagcg acatgattga	660
tggctcttgaa gcattcaccg gtaacttttc acataacgtc aagggcctaa tttatccaac	720
gctggagacg ttactgggca aagatgcaac taaggctccc aatgaagaag aggatgaggg	780
cttgggtgtcc gacaaagtag tcaaataatgt gaatgcactg cgaaatttac taagggaaga	840
tttttttagca ccactagttag agtttgtgca acagctgcgc agcggaaacgg atgtcgatga	900
gttgaagcaa cagggccttc tgtgggtccga tgtgcatctg actttaaatc cacagtttgc	960
caacgctcag cgtcatagcc ttgttttttt gaaggttcaa tttactaaag aatccaagaa	1020
tgccataaag cttgggtgaa ttc	1043

<210> 358  
 <211> 536  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 358	
atcggagtga acgaacgaac gaagcatttc ggcggcgaga gagagagaaa aagagagcga	60
gagcgcacac gcttggtggt ggtcatgtgt gtgtgagggc gcgggctcac acacacaaag	120
ggagagagac aaagaagaag aggaagcact gcgctgctgc gctgccggca aagccgacgt	180
cgctgccggc ttcgccgcca gctgcattta gtgttttagct aggaattatc tggcccccaa	240
aataacttca aaattttctt caactatttt ttttattagt gtgtcaatat atagtctccc	300
tctccagata caaaaattca aaaataccaa aaacaaaacc attccatatt atcattgatt	360
acaggcaaca tttgaagcag cagccgcaa gcaaaagact gatttgagta caaggaacta	420
gaagcaggaa cgcgagggtt ctgccactgc aactgaatt gtgagcatac ccaccatac	480
ctagctatat ctatagccct aatatctcca ttcttcccc tcaggagccc cagata	536

<210> 359  
 <211> 257  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 359

acctgagcaa gggtttatgc cgatgatctg cgcataaacc agcagcagct tatggacgag 60  
 atttcggccc tcttgacaaa cacagcgaag ccgagcgccg ccaacgcact gcagctgaat 120  
 caggagctcc agcgccgggt catgcaagtc cggacaaaaa ttctggccat gttacaagta 180  
 gtaagggccc gcttctctcg gaacgaggac atcctgggtgc gccggctgag acctagttcc 240  
 catttcggcc cgaattc 257

<210> 360  
 <211> 591  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 360  
 ggtccgggtg ccatcgctag ttccttttct tttcgaattt ctcgtggaaa acgccaacat 60  
 gggtttcgct actctctggt actcgcatcc ccgcaaatat ggccaaggct cccgatgctg 120  
 gtaagaattg tgttgcccgt tgtttttcgc acgttttggt gtacaatttg tttaaagtct 180  
 tgtcccgtaa ccccgatatt tgcacgattt ttgcttggtt gtagaaagtg gggttatacc 240  
 cgaccgcgtt tttttttaac gcatggcgtc taccaatttg tatttgcttg tattgtcaat 300  
 tgtttcaatg ttccaaaggc ttttgccccc ggttgagtac ggaaatacgt gtttagcatc 360  
 tagaacagtt tccttaatta aggggtggcca aagtaagagc tgcgcgaggc aaaacgagcc 420  
 atttcgaat ggatttggtt cagccaagtg cagcgacagc tttgctttta atgaaactgt 480  
 tccatgctac ggagattctt tgatggaacc gatctaacta tgatatacca tctcattttc 540  
 agcccggtgc tgctctaacc gcacgggtctg atccgcaggt atggcttaac a 591

<210> 361  
 <211> 555  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 361  
 gttcggacgt gctacgcggt ctcgtctgtg tgtgtgaggt agtgtgctg agcggagcgg 60  
 cgaaaaagca caattgaaat taaatcgagt cgttatctgt ggattcggcg gatacaatac 120  
 aatatcgat cgttatctat ttacaaacaa atcgacgtgg attaataaaa tgccgcacac 180  
 gaatgcttaa agcggcctat ctgtgtgtgt gtacgtgtgt gtctatgtct ttgtgtgttt 240  
 cactctctct ttgaaatagt aaacaaattg cgtataaagt ttacagcaaa gtaaaagaca 300  
 aacaaaaata tttatataaa acaaagtata ttctgcagtg cgtgtaaaat atttcgaaaa 360  
 gtagccgcaa aaaggcagcg gcgtcgacgt cagcagagcg cgggctgcaa gtgtgttggt 420  
 gaggcgtata tacatacata ccacgcataa agtgcataa taaggggggt acataagcag 480  
 tgtaattaat taagtgaat ccaaatagtt ttgtgcatgc gaaattggaa aaatcgagag 540

<210> 362  
 <211> 526  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 362  
 ctcccgacc gtactactcg accaacgtgc ttgtgtgcag aatttcctcg gctaaataaa 60  
 accaaaaatt ggcaaagcgc cgtgtcagat ctagccgtcg attgcacaat tccggagcag 120  
 gacgtcgtcg ctggagccac cgaagcggag tcaccatcag aagatcacca gcaccaggag 180  
 aaccagtggt acagtcctcc tctttttctt ggctgccgag gcgtcgcgtg tgcgtatctt 240  
 tcagcgggtga ataaccacg gctttttgtt ttcggccaga ggaggagcgt gttgcagtcg 300  
 caaacgggaa gatggttaaa gctaaaaagg gcaagaaaga gatactgacc aaggtcgaag 360  
 gcggttcctc ggtggacgaa atgtgagtct tgtgcaagtt catgcccacc tgccaacttg 420  
 gcaaactttc tatcgcaaat tattcaatct tacagctccg atgtggacag cgaccagttg 480  
 agcctcaaca accagcagaa tcatgcccct gaagggcaat caagct 526

<210> 363  
 <211> 401  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 363  
 cgccagacgg gaagcggcag caacaacagc tggaagaagc tgatcgagtg tgagcgagac 60  
 agcagtcacg gagcgagctt ttgggtgtgc tttcaattca gtagtatttt cacttttgcg 120  
 cgaactagtc aaaaaaacct gcaaagcaat cgcaatttac gtttgtttct gtcctcaact 180  
 tgccgtaatc gtcattgaaa tgtgcaatct gtaattgtta ttaacaaagg agcaaacata 240  
 agtggaaaact gcattgttat cgtaccaatt gatattcact actcaaagtt taagcaaaaa 300  
 caacaaaatg cccagggtat gtgtgtgtga gtgtgttcgt gtagaatgtt ttttgtgttt 360  
 catgctcatt gaatttcgct taagaaatcc tgcgtcattt a 401

<210> 364  
 <211> 177  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 364  
 ggccaccccc agtaagcggg ccgcattttt ttctgtgaaa gtcagaaaaa ttagccgaaa 60  
 aagactgtaa atatttatta atatcagccg aaaccgcacg cgaacaaatc gtgaacatgg 120  
 cgcgcaagaa tgcccaggcg gaggacctct ccaacgtgga gtttgagacg agcgagg 177

<210> 365  
 <211> 546  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 365  
 ctcccggttc tttcgatcct gatccctccc ccaaactaat aattttaagt gattttgttt 60  
 ttatcaatga gtttctacgc ccatcaaagg actgccact cgtttgata acagatgtct 120  
 ttaggttgct tatcggtttc tggtatcgat gattttatat aaaaataata caaataaaga 180  
 caaataatag aggtaaagat aaattttaaa ttctgaggaa gccatatatt tattgttgtt 240  
 cctttaataa gcaggaattt tcaagtattg attcagaaaa acgcttataa ctggaaacaa 300  
 tctacaactt aatgggagta tacaatttaa tgattagtgc ctttcgatga tgtggattca 360  
 aagttgctca accaaagtta aaaatctaaa atcgaaaatt taaaaactta tcgagtgaga 420  
 ggaccaatcg actactcgac ttagcaaaca tcgaaatatc gcagggtggg acctcacatc 480  
 gccatctggt ccacgctag ttcatttttg gttcatcgcg ttcgggtcag tgcacggaac 540  
 gatttt 546

<210> 366  
 <211> 547  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 366  
 acatcaccat aagcattttg ttgtgtgacc ggagtttagt gttgccaaat accaaagcat 60  
 gaccgcctac cagaatgttt gcactacgat agataaaaata ctaaaagtta caaaaaaatg 120  
 atatatatct ttgtttaatt tttttgtata ttgttttttt tttttgtatt atattttgca 180  
 tattttgtaca tttctctatt ttataacggt tactccgtaa atttacttat atgtaaatta 240  
 tattttatata ctaaactttc tttaagacaa tttcctattg ttcattttat tgcgatatat 300  
 ggattttatgt gccagtggat gtctcagtag tcaaataact gatttcttgc attggtggta 360  
 acagaaatat catcaagtca gcctgtatat aaaagaacat atgtagatga aaattttaat 420  
 tgattgtatt ttaaagacaa attattttcc ctgattttgt agagtgggat tttttattta 480  
 actatgcggt taagtgggaa aagggctata aacaaaacga gttgatagca gagtgacctg 540  
 tgagttt 547

<210> 367  
 <211> 559  
 <212> DNA  
 <213> *Drosophila melanogaster*



<400> 367  
 atgtaaacga aatgcgagtt ttaggaaagt gcactgtttt ggtcaggcaa acccgagct 60  
 tatccacgcc atctgggcgc cgcagagtgg tggtcacggg aagtggcgca gtcactccgc 120  
 tgggcaacaa tggaccgat tcttggcgac gcatcctggc cggcgagtcg gcaatttctc 180  
 ggctgagtgc ggagtttaag ggcttgccct gccaggttgc ggctcaaate ccgagggaaa 240  
 acctacagct ggatcaacac ctgaccaagt cggacattaa gctgatgagc cccgccacgc 300  
 agcttgccgt attggcggct gaggaggcct tgtcaaccgg aaagctgtgc cccaagcaat 360  
 tgagcgagga ggagcttgag cggttcggag tgtgctggg catgggcatg ttcgacctg 420  
 cagaggtcta tggcgctgg aaccagctgc aacgaggtta caacagagta agcccctttt 480  
 tcgtgcccag gctgctgccc atatggcgtt gtggtcacat aacatgcgac atggctttaa 540  
 gaggacctac cacttcggt 559

<210> 368  
 <211> 533  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 368  
 ctaccgactg tctgtgtgta agtgggcgcg aacgtacggt cgaaaaggaa gtgaaaatag 60  
 tgcaaaaagg ccaagtaata ataataataa taaaataggc aaaaagacag gccccaaaag 120  
 agaccgacca gaccagtttc aaaaagcgcc tatttccagg ctctttgtgt tatgtgtagt 180  
 ggtaagtgtg tgagcggcaa caacaacagc agcagaagca acaaaaacaa ctagcagcga 240  
 ccacatacgg tggaaaaggc cttttttcaa ggagcgaaag gcaatgcgcg aacgagcaat 300  
 aagaataata aattacactt tgctataata agaataaatt tatacatata tacacacaag 360  
 cgggagaggc ccacacacac atgtgttttt cctcgttgag agtgtgtgga aaattgtaat 420  
 actaatatga accgcagaag cagcagcaca acgagaacca cgagagaaaa tttcgaaata 480  
 tcgcatgtgc cattttaagc tttaaataaa ttataacgta cagtattaca aat 533

<210> 369  
 <211> 612  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 369  
 gctccgggca agaagtccat taccaagtgc gccgtgaatc agcgccagggt ggtcatcacc 60  
 ttgtcgggca gggagttggt ctacttcgaa atggatccgg taagtaattc tactactata 120  
 ttacactcaa cttttgactt cttgctctga tgacaaaaac acgaaaagaa caatcatggt 180  
 gagacactat gtgtcctgca gtgctgagct tcaaaatcaa ccaagagcct tatectcgtt 240

tacttaactt cacaactaat gaatacattt tatgcttgca gactggggag ctgaacgagt	300
acacggaacg ttccgagatg cctgctgaga ttatgtgcat ggccttggga actgttccgg	360
agggcgagca gagatcctgg ttcttggccg tcggcctggc ggataataca gtgcgcatct	420
tatcgctgga tcccaacaac tgtctcactc cctgctccat gcaagccctg ccttcgccag	480
ccgaatccct ttgcctggtc gaaatgggtc acacggagag cacgactcag ggaggtttgg	540
atgacgatgc ttccgctcag cgcagtggca acaataaggg aaccatttac ctaacattgc	600
ttgacaacgg tg	612

<210> 370  
 <211> 462  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 370	
gccccaaactg ttggcattat tacaactttt attcgcctaa aaggcgattg accgggagga	60
gtgttttgatt tgcgcggcat tcaccaattc gtcagcactt cagagaaaga aggagcaatt	120
aagtaagcat aaattctgaa ctactgtaca gtcgccggat ttaagacaag ggaagcgaag	180
agagggcaac acttgaagca catggcagaa acacagaata aattgggttt gtctgaaaat	240
agcatgtatg ttatgtattc aaaaaacatt cgaaatggga agtatagaat taattgacat	300
tgtaaaaaaaa aaaaaacttg gatgtgccat gggttgaaga tgagaaccac cgaaagcaga	360
cgaaaaacaa aaagcaggag aaaaaacggc tttagcgaac cataatgccc gaagtgaaca	420
ttttaaccga aaccttttca taaaaccgaa attcgacagt ca	462

<210> 371  
 <211> 616  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 371	
gcgtgggtgcg cttcttcttc tgaaattagg gatgggaaaa atatatcaat ttatcgatat	60
attaaaataa atgtaaatat ttatatcgtg atagtttttc tatgatatat caaatatcgc	120
tctttctgta aaatatttta ttggacacat gtggattcat aaaaaactga aaactaagtt	180
attattctta aaggatcact aaattattat atttatgatg aaatatctga tgataaatga	240
taatataatta taaaatgtca agaataattt gtttgggtac tttatcattt tgataatttt	300
tttaaagtaa aagtgtctga taacgacctg tagtcgcgga ttataaaagt atttgatatc	360
ggaacttagc ctaaaaccaa ctatctttgt taaatatttt aaaactgata tcagtgttat	420
tttttgttat attatttggt ggaaaagtgg aaaatgggtc tctcctacag ttgtcatcta	480
tcgacaaagc cgttgtcaca ttgccatctc tagattatcg gtgtaaaata atttgcgaa	540

cggaataatt aattgacgaa taaacaaaaa cgtagcttaa atttttcatt ttccctggac 600  
 ttctgttgca aataga 616

<210> 372  
 <211> 322  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 372  
 attcagacaa acacggcaat gcacttttgg tggtatcgat aagcagtgtt ggacagcacc 60  
 ctgcagctgc ctgcattggt atgcgcaatt atcgatatat acaccctggg gccatcattc 120  
 tcgttaagcc atctctagtt cgccactgaa ctcgtaaaaa agtgtaaaat ttgtttacat 180  
 tgaaaaaagg taaaatattg ttcttgaggg ctacctacgg tgctccctgg ctcttagatg 240  
 ggtagccaa gacaaagggc cgtgtgcatg tgtggcgcgt agccctttat aagtgcgggg 300  
 ggtggcggga acagctcagg gc 322

<210> 373  
 <211> 607  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 373  
 cactgagcca aacaaaatcc gaaattattc gcaacatgga cgagtcggag ctgctattca 60  
 atctgtttta tattctgttg tgcattggtga tcattctacc gccagaggag ttccaacgcc 120  
 tgggattcac cattgaacag ttgttcgctc ggttctctggg agaagagtac ctggactttg 180  
 taggctacca ccagcgcgt atttcgctga atctcttcgt gcactcctgt ctgcccttct 240  
 cctactttct tattcatagg ctcaagttct cgtctctgc cagcaggag cccttgagg 300  
 acttcgacct ggaccggat ttcccatgc ccaggaagc ggtagcgttt aaaacgcttt 360  
 acgtggaaaa ccgcccagcg gttagctgtg ttggcgttc tggcgatgcc cgtctgatct 420  
 tcaactgggc accaggaaaa tgggcgtcgg caccctgatc agcaaggcgc tcttcaagta 480  
 ctccatcacg ccgggcagct acagtgcgt ggctagcgaa attggtatta gagttccggc 540  
 aaccggaaat ataccagaag aactaattca ttagcttcgg tgattgccac gcagactggg 600  
 atataaa 607

<210> 374  
 <211> 488  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 374  
 cggatgaagt agcgggtgtg gaacgtgagt ggatgctaag agcaagctct cacatagcg 60

gacatagctc	gcacacacac	acgcacagac	cgcccttttg	cgccgccgaa	acgaacactt	120
ttacgaaggc	gacggcgaat	cagtttcagt	tgtcagttcg	catccaacta	gaaagcagtt	180
aacgagtagt	ctgtgttttt	tcgcttgccg	ttaaaagcca	cgaggtcggt	catcgttcat	240
cgttttcctt	ttcaacttca	agcaaagcaa	atataaacca	atgcaaaaaa	cgcagtgatc	300
ttttgaggcc	caaatcgttt	ggggccgaac	accgttgatt	ctaaaacgca	aatgtagaaa	360
caaatacaaga	aaagtggaaa	ataaatatgt	ttcgctttca	aaacatgtgg	aatgtgcccc	420
aactcaaaac	tgaaaacgta	gaaggaaccg	cgttcgtttt	ttacatacga	caatcgtatt	480
aaaataag						488

<210> 375  
 <211> 597  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 375	
gatgtgtgca	taaaaatcaa gcgctgcagc agccaaaaag cgagaagaga gcgcgaggca 60
gagagcgtgc	aaagcgggtca gcgagagagc ggggtggctgc tgcaccttca taactgttgt 120
tgcaaagggtg	agtgcgtgcc gaatatgtgt tttggttcag aattgtttat ttaagtgtac 180
tctcaaccag	gccaacacac tcacaaccac acgcccgcac gtacctgcga cccacgaacg 240
tgtgtgtgcg	tgtgtgtttg cctgcctgct tattttttat gcggaaaaaa cattgatcca 300
aactttttcg	ggcctcaaga acctcatttt tggctcgccc cacaaggcat taatatctgt 360
tgtgaaccga	aatgggttta aataaaagct ggtcagcaga taaaagtga tccaatatat 420
atgtacgtac	atatgtatgt ctgtaggag cctttgttca tttcagctac aaacatctga 480
gaaagaataa	agtattaaga aatattttac tttggtaatt acttaaacag aaccagtttg 540
gcctctgtgg	catatcactt gccagttgaa tccgcggaat taattcttga agacaaa 597

<210> 376  
 <211> 328  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 376	
gagtgggtga	tgcttttccc gttcgttttc ttggcggact ttggtcggaa tccgccttt 60
ttctgactgg	cgattgattg ccattcctgg cctttcgggg tggactctga tcggaatccc 120
tgtgcttttg	gcgtggcgga gactgatcgc catctcgccc tcgtctggtg ggactctgat 180
ctgagcttcc	cgcccttctt cgcccccttt gaggactctc ttctcgcttt gctggcttac 240
tcgatctcgc	tgggcttaaa tccctagagc tgctgcgttt ttcttgctta attctgacgg 300

&lt;210&gt; 377

&lt;211&gt; 533

&lt;212&gt; DNA

<213> *Drosophila melanogaster*

&lt;400&gt; 377

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gcacagcgta agacgacgag atcctctctt cgaaatctat ggcatagcca gcatcaaaac      60
aatcacgcag ttcgaatacc aaaatccatt gcatacttgc aggcacactc cgaaaatgcc      120
gcacaaagac gaaacagtcg gtctagtgag aacagtgagg acaatgaaaa cagcgcgtcc      180
ggcaccgtta gggaacagcg tgacgaggcg gcggggccgca ccgttctcca gtgggcgtgg      240
catgtggtca aatccacatc cgtggagccc acaatgttcc tgtacatgtt cgccttcatg      300
atcacctcgg gtggtggagc agaacttctt cctctacaag tctgtcggg ttaacaggaa      360
atttcacgga gggagatctg caggaaatct caacaagccg gagaacgaag gagttccgaa      420
cgaaggcaat gttgaccaat gcctgggttc ttcagtgggg agaacatttc tgcccacgtt      480
ttccccatta ttctggccct tttctgggct cttctcggat cgacggggcc gaa          533

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&lt;210&gt; 378

&lt;211&gt; 612

&lt;212&gt; DNA

<213> *Drosophila melanogaster*

&lt;400&gt; 378

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gtcccagcga aaaactttgc aaaaggtgat ttttccaact acttcgcgag agagactagt      60
ggaaaaggca agacgaaaac acaactaagc gaagtgggtg gttggccagt gtggccgcag      120
gtggcgaacc gccaatacgc ccccgcgca aaaataccac tttctttaa ataccaatgg      180
gtcttaatth tttgattcta ttcttttagt tttatthttg ggcccaaatt ttcgaggata      240
atagttgaat attgtcaagc taatacctat ttcgctatat tattattatt gttaaaacta      300
atgatgaaga attgtaaagc tgaaccattg tttaaaagta ccaaaacaag ccaatttact      360
tggttttact ttacttttct tctctttaat gaagaaaaga gtttacttat gccaatgcct      420
gcagagcctt gctgtatcat cagtttctgg atggaaatgg agacaaaaca caataccaat      480
ctattaaatg acaataacta tcaattaaat gactaatatt ggctgtcacc aagtaaccta      540
tcccatctat ggaagagtag gcattctcct gggttgaatt aacaaactct ttgggggcta      600
ttttaatgaa ga          612

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&lt;210&gt; 379

&lt;211&gt; 837

&lt;212&gt; DNA

<213> *Drosophila melanogaster*

<400> 379

gtcagtagtt ttggatttgg cccaaagagc gaacaaagcc gggttgagtt ttctgggtaa	60
tcgtgtcaag gttaaattgca tgtgctccac ttaacaaag aacgatagag acggcacttc	120
atctggcatt gaccagccac cctctgccga catttcaata aaaccttgag acatccaccc	180
ggttaaagtt atcaattatt ccaccacact accatgtttg ataagctctg tggcagctgc	240
cttaaaatgg catgaaatat tcacaggga gaagttgccg gtttaatttg atatggacgg	300
gaattattaa actatcatat ttaaccataa gtacatcctg acctgcaact tgtaacaaat	360
tttcttatct agcttgtgct tgcagttggc ccggtcttct ttatcactat cattgagtgg	420
aatgactcac cgtagtattt cagatcgggtg accgcctcca ggtcccgttg atgggcctca	480
ttgtccagat caaggggtgt actattgctg gtgggcatgg cgtaggaggg cgtggtcgac	540
gaggaggcct tcgaggctgc tgctgccgct gctgcagccg ccgccgccgc cgctgcagct	600
gcattgttgg acttggcctt ggacaagctg gagctggatt catcgatctc tatcccgttc	660
ggctcatcct cctccatgtc ctggtcgta gtactcccggt cgggaatccg cgtccgtcct	720
cgctctccgc atccgatatg caaacaatat ccgccacatt tgtggtggcc gggatggaag	780
gtgtggggccg gtgatatggc tccgggaaag tgtaatccct tgcaaagctg aaatggc	837

<210> 380

<211> 654

<212> DNA

<213> *Drosophila melanogaster*

<400> 380

cgtaaaacca tggcgttctt ttcagtttca cattggcgggt cgttgagcgc ggacgtgagc	60
atgtatttct gtttgagtgt gtgtgagtgt tagtgtttgt gtaagaagtt cggcggcaac	120
gaaaacgtaa aatagtgaag cataaaggca caaagtgaag aaatactcgc acataaacgg	180
atgttagtgt gtttgtctaa gcccttctac ctcttttttt gctacctgcc aatttgtaa	240
ctttattggt gctaccgctt gcgtgccgtg aatcaaagta acaacaaccg ccacaacaac	300
aacatgcaca aataaatgta agtgtgtaag tgaccgtgga gcgatttaat aacagtgcaa	360
agccaggaat agcaactaaa atctgttttt aaacgcgcga cgaatgagtt taaaatcgat	420
tgcagctcgc aaaaattgggt caacatcaca aatagtagaa tgcaccacac aatgcccttt	480
agttatatac catgtacatg tagatgtatc atatcccggtg actcatccga tttgcttttg	540
catatgcaat ctctacgcaa attacttggg tgacaaaaag aaactattat aagttgcgtt	600
gaagatacat aattgtcgac cgaaatttca taatcatggc gagatattaa taat	654

<210> 381  
 <211> 387  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 381  
 gtgtggcagc cagttagtcg tgctccgcta gtcgatgtcg acggttcgct gttttctgtg 60  
 ttgctcgccg cccgttcccg cctctcccg cgcataatcga agtctcgcggt attgagtctc 120  
 gaaaacaagt ccaatctgat gtacggccgc atttccaagg actccctttt aaacactaat 180  
 tcaagcacgg catgccaggc ccaataggtc gagtagcagt gggcgcggggt ctgcaacaat 240  
 tagagcaata attgttgagc gccagcctat gcggtctaca tagaaaccga actaccggac 300  
 tatcgcccg taaccaccta tagtttacgc ctggcttttt tggtagaacc ggcccaaaag 360  
 cccgttcaac caaaaaaaaa aggtaaa 387

<210> 382  
 <211> 548  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 382  
 catacgcccc ttctgcggga atcgccccca catccaactg gtcagtgcgg attgtgccag 60  
 cgggtgagtgg agatggcgcg cgaggacgag gaacgcacgc tggacaatga ggaggtgtcg 120  
 caaccgacgg aggaggacca agtggtcagt cgggcccggtc ggcgtgacaa tgaactgagc 180  
 cttccgtccg gcgggtgctg catgccctcg agcagcagcc accggttcat ggctctgggtg 240  
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 aactatttca agaaagatct taatctgacc tccgcccagt tcacgctcat ctactcgatt 360  
 taactcgtgg cccaatgtcg tctgtgctt cgtggggagg tttccttate gatcgactgt 420  
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 cttttgcctg cgcggcattc tggacgcttc tggatgatga tctggggacg gggttatcttc 540  
 ggattggc 548

<210> 383  
 <211> 579  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 383  
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 aactgcgtcg ccggcatttc cttatttgtt ctgctgcgca aagaagaaga attgctgcga 120  
 acggccggtg aaaaatcgaa gcagagagcc aattggaaaa gcaataacaa cttggctctc 180  
 tcgcaaaaaca aacagtttagc ttgtgataag ggaaattaaa ttactttgtg tgcgaaaaaa 240

gagcgctaatt	cttaggtgga	attaccaata	aaacagtaaa	agaaacaaac	tgcaaacgct	300
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tgcagtttgc	aaaaggactg	cgcagctccc	acgcaggaaa	attttcgtca	agtaagatga	420
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gcagatgcgt	tcccaattgt	gatttgccctg	ctttgctgct	tttctgcagc	ggtgaaagtg	540
tgcgcgttga	cgcagccaat	cagctggtaa	gtgggcccgg			579

<210> 384  
 <211> 828  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 384	
ttctcggcct	tttttgttgt cttggctgct tcttcttcca ccaaacgaat gcgctgcgcc 60
tccagttccg	cctcatcctc gctgtcgatt tggagtgcta catccggcag atcgctcctcc 120
tctctgtctt	cctcatcctc ctctctctct tccatatcgg actcatcgga ctctctgctg 180
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atgtcagaca	cgaaacgctt gcttttcttt taacaaatcg gcaaaaactg cggcgcagcg 300
ttcagaacaa	atccaaatcc accgacgccg ctggaaattt ttatttttct gcctctctct 360
cactctctct	ctctctgtgt ctctttttagc gttcttacct ttgtttgtgt tcgtgtgcga 420
gcgtgcgaaa	ttcggcgtag atgtgtgttg gtgagcgtga tcgcttgcaa cactgtttga 480
gcgtgtcagt	gttatacagc gccttcccaa aggacagtgt tggaagtcgg agctgccgca 540
cgcgctataa	ttcaaataaa aaggagcggt aaatgcgaat tgtaaagta aaagagcagc 600
tgcgcgcact	aatgccattt tgatagatat ttgacttttg gcgcagaagc ggccaactat 660
ttgtgtattc	cggttcacgcg ctcaaattggc acgtatttcc caatgcactt aaaaaaaaaa 720
ccatgtttaa	tatacattaa aattctaaga aggaccaaag ttttggataa tatactcctt 780
ggaagcttct	tttaacattc ctttggagtt agccactttt ctatataa 828

<210> 385  
 <211> 472  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 385	
gccgcgcgca	aagctgcca acacatacac gaatgttaga cacttcgcgg tcggtcggca 60
gaaacaggca	attttatagc ggcgaaaagt tacaaaaaat aattttccca cttttcgggtg 120
gcgaaaacga	agaaactgta aaaaatggac cagagattta agtgcaaac atagaaacat 180



cttgcgataa agcgtgctaa tccggggcat aaaactggta ctgccattat ctcgcttttt	240
taattgcttt tgtttatttt ttgtatagga cacagtataa tttttctttt gcgctgcgcg	300
cgtgtgagtg agtgtgtgtg tgtgatttgg ccactcgctg gtttctatgg tatgtgcccc	360
tatcgccgaa cagagttgcc gccttcaggg caaatcataa aaaatatatt gggctgtcaa	420
ttgaaaaata ttgaaaaggg ccaagcaagt gaattatatg ccgataagcg gg	472

<210> 386  
 <211> 1082  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 386	
gcccagggca ttatcagttg agttaccagg aactcgtttt gtggccccga gagacaagca	60
tggaagactc aaaccggcat cacatttgct gctatcagcg ctatttatac gcgccatcag	120
cggaaaaacg agttgggaat cataaccagc cgaacgcgat atgaatagca caccccaatc	180
cgaaagatac gggttcaaaa cccgcgcggg gcgaactcat taaatatttt tagatctatg	240
tgaaccacat gtttttgtgt attttattaa atatacatTTT ccattttttg attgcagggg	300
atcacttggg gctgcgccta cagaataaca ggcagcacgg cactggatta tctcaagcag	360
cgggagtgca cactgggtaa gtaaatcgaa ttgaagagaa gtggggacca tcatttgagc	420
taaccacga tgactccaac aggtggctat gcaacaatcg ataccaagtt cttccgcgc	480
gtcgctcgc aggacacgcc cttcagcggc gaggcggtcg aggtactggt ctatgtggcg	540
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gtatcctgcc gcggtcccag cggacacaat gccgagtacc tgttgcgctt ggccctgttc	660
atgcacgagg agattcccgg cgtgagggac gatcatctgt tcgagctgga gcaattgggt	720
ttagaggaac tgtaccgccc ccaaatacct ctgtcatctg tgatggggccg caatccagat	780
aggatacgcc gcgactcgca cgaggacatc cgccgcccgc catccttcga gttcacctcc	840
cgtgtgcccc acaccaagct gcgttgccctg aacatttgat ttctggtgtg ctggcggcca	900
agtgctatgc aggtcgcggt ttttgctaca gcaaattcca aattattgat cgacatttta	960
gcttggtagg taaccagagt ctattgcaa atttgacgta tttctttaaa ttgtaaataa	1020
tcctaggcct aatcataaca gcaactctca taagtgactg attagccata actaggatta	1080
ag	1082

<210> 387  
 <211> 505  
 <212> DNA  
 <213> *Drosophila melanogaster*

<220>  
 <221> misc\_feature  
 <222> (1)..(505)  
 <223> n = ambiguous/unknown nucleotide

<400> 387  
 gtcggtacgc ggttcagcgt ttttgttcaa cggattagcg caagttaagc acgatggcgg 60  
 cccagacgat actgtttgat ttcacgctgg acaaggacaa gacggcggat gaggaggcgc 120  
 gcctccaggt ggccaaaatc ctgcgtaacg agctggagca gctgttcccc cagctggagc 180  
 tggcctactc gatggagtcg ccggaacacg gctactttgc ggtgctgcac gagaacaagg 240  
 acacggtgat tacctgccgc atcttcacgc acggcctgct gacgctcaac gtgggagtac 300  
 ttcctgcccc atggcaagga gccgagcata tccttcgacg gtaccgtagt tcagtgccat 360  
 tttaggttcc tttaaaaaac tcaaaaaaca agcaagcaaa caccgacag cagcaccacc 420  
 acccacatct ttcttacctt cccattttcc gtgtctcgtc tgaattattg gggaaagggg 480  
 tttttccacc acccgggtna aaaat 505

<210> 388  
 <211> 637  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 388  
 cctcggcgca tttttttcaa agcgaaacgg cagaaaaatg ctctggcatt ttacggattt 60  
 ctaattgtat tatttatgtg agaaaattgc aaataaaagt gagtccatca tgccacccaa 120  
 gatggagccg attagcgtgc gcaccgcgcg tctgaacaac ctgattctgg gcaaaggagc 180  
 tggcgtctgt gcgaagcccg ctggaagcgc ctccggatca ggtattcccc cctccaccag 240  
 gagaagcatt gtacccgtga gcaccactag cgccgccgtg gccgaggcca tctgccgcga 300  
 gggactcctg gacgccttct gtctgctgta caacgagtgc gacaaggata cgctgaagaa 360  
 gcgcgatcgc aacatcgccg agtttgtcaa caaatgtgag tcaactgcat tggtcagcag 420  
 ggttttcgga tggactatct accattctat agaaatggaa ctcagaaccc catttttact 480  
 tcttgggtct gagaatctac ttttgctaata catattccat tattaagcc cacaaaatta 540  
 ttgggagtag aatctcttat agatttacct gtatgttccg ggttcctctt tgaaatagac 600  
 tatgcctagt taccattat attactatct aatttct 637

<210> 389  
 <211> 518  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 389

tgttgggggc tctgattccg gcggttcttc gctcgccagt acgctccact cgcagttagt	60
taatcgcgga acgaggacga ggtggtttcg actcgggcgg attggattag atcggtctgc	120
attgatgagc taattagacg cgggaattgc tcgcggaaac aacactgaac cagaagcagt	180
caaagctaaa aaacaggaat gccgttgacc aagagtttgc caaatgtaag tttcagctgc	240
gattgccgag cgactgacac gtgttgcttt tgcaattgac tgtcagacgg gagagcgcag	300
aaatgagagt gcgactgaga cagtggcggg tagcgaaggg ttgtttgtga actaccata	360
aagataaaag tataagtaaa tacgtacata tatacagcaa aaagatattc aaactaatca	420
agtagaggag aagaaacccc aatgaagcaa ccctttacca caactaatta tttactttgc	480
aattcttctt tgcagtctcc gtcgcttttg aagcgcgc	518

<210> 390  
 <211> 500  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 390	
catgtgagtt tacctgagcag tgtgccccaa tatgggttttc actaaatata ccagcaaatt	60
gtgtcgttgc cacatggctg taactggcgt gctttacagc actgacccaa acagctgtct	120
gaaagggtgca ctaattactg tctttcattc aatttactaa ttaaaatagg aaaaatatat	180
aaagtataac ctttaaaaaa tgttttgtac taaacggaga agtaaatgca tatgaaatca	240
aattgtttga aggactatca aaacagtgtt ggcaaacgcg caatgtatta ggactggcgt	300
tttcatgat tggcatgacc gcaaaaaaat aatgctttca tttgcaatgt ttgtaagcga	360
ataaagtgct tgaactcatc aacttaaaca agtacaatgg gcatatgaac aaattattta	420
gtcagagtgc aactggtgaa cagtaaaaca aaaaaattcg tcatgcagtc gtacgtttgc	480
tagtgcgccc ataataacgc	500

<210> 391  
 <211> 641  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 391	
gatggatgga tgaatggcga gttcgatttg ccagctctag cgattcactt acattgctgt	60
atgagactcc caaaagttga atcaacatct cgttcggcga ttcctcgctt tctcgcgga	120
tctcgtctag gcgctgcagt cgctcactct gcgccaggca gaccgcgcac gtctgtgggg	180
taagctcgac gcgcattctg gaatcctgct cgaaatttaa tttaaagaac cgctcgcgta	240
gtattgtagt gttaaaattt gtgttgctaa agtggtgtgt aaagcgactg aaaaaagaaa	300
cgaaaagaca tcgccatttt ccttaccagg gctgcatagc atcggcgaac acgatgtggt	360

tcattttgct ggttcgaggga agcggatttt tggttaaata tctgataaac atgtttgctg	420
cttgtgacaa tacattggaa atatttggtc ctttaaccat ggctaaacga tatgatatga	480
taactgaaag tattccccag tgtgcctata aacaccaacc acttgtaaaa tgagaaagaa	540
aatattaata cttcaaatat tcaaataatta tgaaaacaat tatatatata tttatatatt	600
tctttcatat ttaccgtata tttagataga gtaaagaatt c	641

<210> 392  
 <211> 287  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 392	
ggtcggacaa aaggcatttt tttaattggt taaaaatcat ttgactgcaa cgtttaaaac	60
aacaaatatt aaccagggct gcacgatcag cgggttcac aatatatgta tcttcaaaaa	120
cggctgattg gtggcaatgg aaaagttggc gaaatttggt tttttatttg aggaaacttc	180
gattaataat ccaacagttt aacaacaatt cggaataac gttggaggga aatctttcga	240
taggttacta ccagggttgg tcgagggcag ttaggaaaat ggaattc	287

<210> 393  
 <211> 543  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 393	
gctgtaatcg acaagtgata cacctaaaat atctggcgcc cggttaactga actaaaacat	60
tttcgtagcg ccgtggccac aaaaaataa aaagaatcca gggctgcgga ggagcaggtt	120
cctcagcagg gtggagcgga atcagtttgc tccgatagct tgatcgcgca ggcttggtc	180
accatcgata tgtggcgctg tgctcttacc gatatttgac gctgggctct tatccgatgt	240
ggcgcgcgga taactagatt atgaatttcg actaaattta gagggttttt aagcaaacat	300
tttgtatggt gactcttcaa aattcaagac gtttaatcct ggctttaaga ttgcacctgg	360
aggtggattg tatttatattt aaaatgcgtg gcagtgccaa cgcccttgcc gaggttttaa	420
ggagatcaca gtttttgtcg aagcagtcac gtcaagatat atgctctaaa agagttcttc	480
cggctagttc atactcttca acaagtaccc atttagcttg ataccgggta aaagagcgca	540
cac	543

<210> 394  
 <211> 682  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 394  
ctttggacta gtcagccgcc acgaggataa aaatcgtttt cgctgacttt taacgcgcta 60  
aaatgtttcc tgacacttag tgtgaccgtt caactgttaa gaactaatac tgtccggctc 120  
aggaaaatat acttttttatt ttggaaggta ttccatttat gttcaatata aattatgttg 180  
cagagagcgc gtggatttta taagcttggt ttgattcttg tacaagcaaa tgacacattt 240  
aagatttcca taaaagtcta gaagatcatt tacagtcac gcataagcca gaaaaaacg 300  
aatatcgata tgtgtttgtg ttgccccaac tctctctttt ggcaagaaaa atcgatttcg 360  
tttttttgca gctctgggac gccttcaa at tgcgggttaaa ctgaaactgt ttgaaaatag 420  
cttttgtaat aagtgccttt aataccacta ttaccacac tttacttaaa tttctaaagc 480  
aatcattggt attacatgac aggattgttc agatattccc ttacaagtta ttacttggtt 540  
acttattttc ttggatggaa tacgtataat taaatataat atactaatta aaaataaata 600  
cgaagacaga gaaaagtcta aatagaatga gctaatttaa gtaaataaat atatagctta 660  
cttagggccg tgggtggttg gt 682

<210> 395  
<211> 513  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 395  
gcctcgacgt tcgctaacag agctgagcac tgttaagcgg cgcttcgtga ctgtgagccg 60  
aacgcatacg aacgacctac gccagcgcgc tcaaacctgt tggccaactg agtgtgcaac 120  
aaacatgttg tgtttacgtt ttttccttgg cctaagcggg ttgagcgtgt tgctgtcctc 180  
catcaacatg ttgcactttt cgggcttggc aacaagtgt ttttgtttcc aactaccaga 240  
tactctttct atttaactgt atttatgggt gtagttatat tatgccgtta attgtgaaat 300  
gttaccaatg agtattgcat ataaaaatca tttaaaattt acatattaca aactcaagct 360  
gattttatta aaattaaatg tatatatcta agtcctattc aaaaaaaaaa cgatatcaaca 420  
gaagctgcgt aatatattgc ttaattcaaa ttggacattc agcccgaata aaatattttt 480  
gacagatcac taggaagctc tgacacggaa aaa 513

<210> 396  
<211> 958  
<212> DNA  
<213> *Drosophila melanogaster*

<220>  
<221> misc\_feature  
<222> (1)..(958)  
<223> n = ambiguous/unknown nucleotide

<400> 396  
 tatgtaacca accttttttcg gggtttcttag aagattcagt ggaagtggcc agaggtgcag 60  
 gagtctgcaa atcaggaact tcatcaaaac gatttttgccg cacagaaaat gctgccgcct 120  
 gcaactcgct cagttgcgtc acaataagta gcaacaaaat aaataaaatg cgactcatta 180  
 tgcgtttaat gaaacatttg ttggcttata cttaaaaaag aatcgacaag ctcaacctaa 240  
 tcgtgttaaa ttgaacttaa aatgccgcca ttttgcactc gataccagga atgctcgata 300  
 tcacagcaag tcgaaagcag tgtactgtaa ttctcgtagc gtgtgctgtt aatgtcagta 360  
 acattttact gttaagcgca acttctctta ttagcaaatt gtgcaagcag ttcaaaaaat 420  
 aanaaatgtt caatatagaa tttcattaat attataaaaa aataaataaa tattttttta 480  
 gttgatatcc ttggcaaaaa atattttttaa aacctatgag tagaaatccg gaagccagta 540  
 aatcgaaaac ctagtgttct accaaaataa atttaataaa ttttaacaat gtttgtgaca 600  
 atgatcaatg catagggcga ctattgatat ttagagtttc acaaaaaatta aaatgtattg 660  
 catcaattaa aattaataaa agaatttggt tttgtggatt aattacgttg atgttggtta 720  
 cgtctatttt aaaattgctt atgccggtag ttttgtatgg gaatcgataa taagcaaacc 780  
 aaaaatcacg aatatatccg gatgtttaac tcccttgga ttgccataag ttctgcccct 840  
 ctaatctcaa ngtggtttgt accggggggg tataaacttc ataattggat tactctctta 900  
 taacttccca aattttataa tattatatta ttgcaattat tgcaatttgc atttactt 958

<210> 397  
 <211> 289  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 397  
 gtctcgcttc ttagcaaaaa tggacgacga tgcttgctg acgggacgtg aacagagtga 60  
 ccgcatggcg accgttaata ttggttgccc tgctaacgga tctataccaa aaaatacttt 120  
 atggttctac caaatatagc aaaaacttca aataaccgaa aagtctgggg agaacatttt 180  
 tcaattgcat attctatgta ctttcttgag tcctataacc ttaagtcatt tgtagaaagt 240  
 tagattttcc ttttcttagc attattgcat ttttattttt atggaattc 289

<210> 398  
 <211> 538  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 398  
 gtttagagta caaattgtgc agcactagca agaagcagtt tagttacgtt tactccgtag 60  
 aagcgcgata caaaaaagtc aataaaaggg tgaaaagcga acgttctaga cacagaaagt 120

attcaaaaat actgactcag tcctggcgca gcatcggatga ccaaaagagc ggctcttcac	180
ggtgaaaagt ttccgcaaaa tcggcatttc tgaaagttgc gcgttcacgg tatgcgaagc	240
gtggcggtgtg tgtcgagttg agttacctgt aattgtgtgc gcctgcgaga gtggaagtgg	300
agtaaacctc gccaccgttt tgaagttttg gaaagatata gggataaccg cccagcgttt	360
attttaaaca atgtcggagg caactgtggc ccaaaagccg gaggcggtgg aagatgtgaa	420
tgcgtcgacg ggggacgaga agcagactcc cgtaagtagc cgcacataca catatttagc	480
gacaattaac atagcacggc gatacgcaca ccaacacggc ttccgtttgc tttgccga	538

<210> 399  
 <211> 627  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 399	
attcaggtat tctcgcaaaa taaatgtaca tatgtatctt tatatataca tgtgggggtcg	60
tccctctgac gtaccaagtt tgcttgaata gccaaacaaa caccttttgt tgacgtaaatt	120
agcacacaca gtctacacac agtcacacgc taaaacgata atgcagccgt tacgtagtta	180
gcactacgtt acaggttggt gctacctgga aatgtaatcg ttacatgtct tatttccctt	240
tttcgggttc ccgtttctta ttatacacac acacacgcgg ccatcgaaat agaactgttt	300
tgttttacct ttggaacgtt acatttcgta ctgaggtaaa aaaggatttc tgtcgtatac	360
tggacgtttt ttccatgtgt atatgtacat attatctttc ttactcaacc taaatttaaa	420
tatagacctt ttaacgtaag gaatgtattt caataaactg cattgtaatt aatgcggttg	480
atgctgattt cataaatagt ttcataagaa ataagacttc aactattttc ctggtaacat	540
aagccaatat gtatcgggtc gaatttcaat gggttctttc gctcttctcc aaaaaccagg	600
atcagcacgg cttggaatgc gaaagca	627

<210> 400  
 <211> 682  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 400	
gccccgatca agtcttaacg gcaagttgca gcaacaaaca ttttcattcg ttttcgcac	60
gtcgaagcgt acggttcata ggaggaacgg aacgaagcgg ggaacgcgac ggaaactagt	120
tgctgttttt ttgtccgtgt taaataattg acacaagaaa atttagctac acttaagcaa	180
agtcgcgcaa aaatctatta aaaatcggtc gtcgttttgt gtgtgtgacc acgaaaaaag	240
tgccccgatc ggaggatttt aataaattca attaggttc cgtcccaacg atcgtttttc	300

attgtctgac gctcacgcgt gatgtacaaa tgaaaaagta aaaattttaa taagatcaaa 360  
gaaagaaaga tcacagtaaa atttaaagtg ggattgactg cacaagaaaa agaaaagttc 420  
cttacctcct agccagaagt caaaagtga gcggaagaaa gagtgggaga taacaattaa 480  
cggttaagtt gtaaagctaa aactacacaa taaacatatc atgaaaaact ttataaaaca 540  
taagaagggg ggcattttat tattttgggg tatcagcatt tacatcacct tggttcgaat 600  
caaactgatt ttaacatgca tttggacca ctacaccgtt cgaatgtatc tcttatggaa 660  
atggtattgc tatattatcc at 682

<210> 401  
<211> 668  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 401  
gtgcagtgcg tgtgttaatt aattttgggt gccatttcgc acattctgta tttattaatt 60  
ggcagtgcag agcttcctggc ggaagagggc aactttccgt tcattttcga gcttcctgtt 120  
gtcggccaat tagcagcagg tcgacaaaga aaaagcaaaa acaagcgtaa aggataagcc 180  
aacatgacgc actgggagga cttctacaac acacacctgc cgcccgcgga cttcgaggac 240  
aatcgctccc tgctcaagga gttctgcgaa cggcacaaca agctccagaa tcgaatcgtc 300  
ctcgtcacgg tgagctggga ttaatccaaa tccgaattag gattaggatt agcgctaaat 360  
aaccactgtg ctccgttaat taactggcca agctggtgaa agctttcatg gttgagccga 420  
gcgcctgggg cattaaaaac aaatgtgtaa agtgtggaag tgaataaatt ttagattggc 480  
tagaacaaaag ttcgtaaatg ttaaacacat gcagggggcg accagcaatg cataaacaat 540  
taacattttg tgaatggaaa aaaccaaagt gtaaagtggg ttttttttta acatacttta 600  
aaaagcaaaa acaccttttt ttgggtgggt taaattttca tttcagaaat tatcttagtt 660  
aagtttca 668

<210> 402  
<211> 563  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 402  
cccggaatga taaactcaac atgcttgcta gtgtgaccaa cgtatctacg cacgatgcga 60  
cccacctatc gatagcttct tcgccagtta ttgccctgcc tttctcatca ctaaaaacag 120  
cggcatttta ttgtgcaaag tagaatttct taatataaac tgtaataaga actgctcact 180  
atgtctttta tgaaccccggt ggatattggt gatgaggacg ccgccgacct gcagtttccc 240  
aaaggttaacc aacgccctac accaaccgaa atgcaactta caagtgaac tggctgaaac 300



ctttggcttc gagtgcacca aaagtggcac tcctccacat ttttaccaca ctgaattgcc	360
tctttgcagt tgagccactg gggccacagg ttaagcgggt catccatgca catcaggatg	420
aacacaccag gaactccatg gttttgtata atccgcacac gttgcacagg tacttggagg	480
agatggagga aaagacgcgg gaccagatag ccagtgttcc atcggctaca aaggatgcca	540
atccggtgtg ccacatgtcg ctg	563

<210> 403  
 <211> 618  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 403	
gtctggacac tgtatcacca acttttcggt gcactgcact tttttcgccc gcgacagcgg	60
tagagatgta aaataacaat ttggcatcga ctaccgatga ttcttggcga tagttgtcga	120
ttcgcttttt gctatcgaag ttaatcgatt catcggtcga tatctacact ctacaaaatc	180
tccactcact tatgttagcc aatacaacaa ccaagtccgc gcggtattca aaaaaattt	240
caaatatata aaaaaatcaa acaaatgatt tactataacc gtagcgaagc tttctcttag	300
gtattatggt taatttcaaa tcgcaaccct taaatgagtt aaacactggt tggatcgcga	360
tagtttacgt ttattttggt tgagaaatgt ctagaacacc aataaagtaa attcagtagc	420
aaacaagttg gattagtaat attaaatc cacttgtcgt tcgcatttat tgcttcttat	480
ggctcttctg gacttaagag tatatctata taaataccag taatatgagt ataataacca	540
tttcgggtat gaaaaagatc tacaatccaa tgcccttcat ttacgtttgt aattgatatg	600
agtattgcct cgattcat	618

<210> 404  
 <211> 499  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 404	
atttctacct atatatgcct ggagcataca caaatctggt cccaatctg ttattttacaa	60
gtccccagat agtaattacg cactacttcg tctgttcaca gtaaacagca aacaaaatgg	120
ttaaggagac tggatattat gatatacttg gcgtgaagcc taatgccacg cccgacgagc	180
tgaagaaggc ttaccgcaag ctggccctca agtaccatcc ggacaagaac cccaacgagg	240
gcgagaaatt caaggccatc tcgcaggctt accgaagtgc tgtccgatgc ggacaagcga	300
caggggtgtac gacgaaggcg gcgaggcggc catcaagaag ggcggcgcag attccggtga	360
cttccgcaat cctatgggac ttctttgaag aagttctttg gcgctggatt cggaggtagt	420

gggcggtgga cgcagggcgca gaaggcggtg caagggaccg tgggtgcacca gatgggccgt 480  
acagctggag ggaagctgt 499

<210> 405  
<211> 489  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 405  
gcttgtgccg caaccccaca cagtgtgcc acctgtgggc gaaaaagtta cgtctacatg 60  
gtgttctggt cacactgccc ccgccgtgac aaacaaaata gaaaaaaaaat aaaacaaaag 120  
ataaaatttt agcctcccc ctttgagaaa taaaggggtca tttgaggcag tttaaatacga 180  
aaagaatcca taggcacgga gagcccagca cacatagaat gttccacttc agcggcttca 240  
acatgatgtt cccggaggga cgcaattttc atgccaaacta ccaagtgtt ctccgtatcc 300  
catgttgcca ggaaacgagc gaacccgacg tggaaaaggg cggaagagg tgagttaccg 360  
aagtgtaggc ttggcctgaa attcatgtga acaacacatt ccatcccaca gttattatgc 420  
ctccctcggc gcttggacac gtcacccgc ttgaatggtc gagtattcaa tggctgggtca 480  
agctgcca 489

<210> 406  
<211> 518  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 406  
cgccacaca gtcacccac tgcacccctc gccagtaaa cactccgctg cgacggctgg 60  
cggttgctgg gacgtttttc ggcaccttcg acggcgtctt ctgttccaat cctcgactgc 120  
gtcgcgaacg gcgatccgtt tgttgcaactt tctggcctga cacgtgccg attcgtttat 180  
ttaggcgttt ttttcacgct aaaacaccca agaaatgtga gcaaatacat gcctctggct 240  
tatcgatagt ccccccgca tatcgctcgg ccagcgcaac tgcggcatgc tcatcgataa 300  
taaccgcgtt aagctgagat atgccaaaaa tggcttaatt tatgtgattt attaattttt 360  
tattacggta acgagcaagg aaaattagtt tgcagggcgg ttcatttgat tataagccaa 420  
gttttttagta aaatattctt tttcttttga acacattaag agctggcaaa aaataactaga 480  
tgggtccgga tatgccagaa taccaacatc tagaaacc 518

<210> 407  
<211> 565  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 407

ctatagccca tggccggtg	acatcccctg atcttgctga	ccttcctgct cagcggattg	60
taggtgctgc cattgtagtt	gggcatgtcc acaaactggt	ggatgaacct cacatctcca	120
gtgacctccc gtgccgtgga	ctcctggctc tgttcgttga	gcagtcccag agcagcatcc	180
gccagacgtt gaccaagat	ctgggtgctt tcgaacatat	ccttaccggg tccggaggca	240
aagcaatctc cctcgccagt	gggacaacgg gaggtcagta	gatcacactc attgccggag	300
atcgagcact tgggacccat	tatatggggg gacacatcgc	caagggttga tgagcagaag	360
gcacccacga acttgccctt	tccgggcatc ttgttcggat	tgtactcctt ttccaggagc	420
agggcggtcat aaccacatt	gtcgctggtc accagtctgg	ttggtattgg tcatgggagg	480
tggcatgcac cgcataccca	gttgaaaagc gcccaggaag	gttggtttcc aaggctgaca	540
aatcgactg gggcaagt	cttaa		565

<210> 408  
 <211> 498  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 408	
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attgtagagt tgtggacaac	60
aaatcgccac tagaataact	ggaaaaaagc gaaaatgggt
agtactagac aaacgcgact	120
cacttgctcc gcagcagaga	ctttttaact cgcaccaaac
cgaagattgc gtctttcgtt	180
ttcccgtgaa atttgcgcat	tttttcggaa ctttcacagt
ggcgttgag cgaccgctct	240
tgggcggcat aagggttaag	gggcatgtgg gtggctacgg
gtgggagggt tccgcggagc	300
accccgctgt gacettgcct	ccatttggga ctaccgacgt
cacagctgcc agctccgggc	360
gggtagatac acatcccga	taaaccac gcgctcccgc
acctccgatt cgccgtctca	420
tgggaagtgg aatgggaag	tacagccctt ttggtccac
atgcggattt tacctggggg	480
gtggaaaggg aaaaggt	498

<210> 409  
 <211> 601  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 409	
aagcagacca agaaaaggaa	taaagataag gcgctcagaa
tcaagactgc aacgaacggg	60
aaatgccctt tggctctggg	aagaaagtaa acaatcgag
gtgaaggcgt ttgcgagttg	120
catttatcaa aacggattat	tgtgcaatag agaaagggt
cggacagggt gtgttttta	180
tgacacttcc cctcgaaact	gcaacttct catgtcaaaa
cataactcga cgaaagacag	240
gacggatcaa ttcttacttg	aagatttcac ttcttatagg
gagatttgta agtcatatta	300

atggagttag gcgtatgttc atatatcacc ggttataaga gttaggaagt ttgaaaaacc	360
cgtgttatcg aactacaaga tatacgttag tattatatca ttttatttat ctagttttta	420
ttctacagtt ttttaatcca cctttaatgc aatacagtaa aactatTTTT ggagttctac	480
gtactgaccg gcaaattcaa catgaactaa acgcatagta caacttttct tactgtcgaa	540
agactaagaa attaatgcga gctgctccgc tggccgcaac gaaggagaaa acgtaacaga	600
g	601

<210> 410  
 <211> 628  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 410	
ggccagatgg aacatattgc ttccgggagc acaaggatcg ggtctactac gtctcggagc	60
ggattttgaa gctgagcgag tgcttcggct acaagcagct ggtgtgcgtg ggcacctgct	120
tcggcaagtt ctccaagacc aacaaactga agttccatat cacggcgctc tactacttgg	180
cgccctacgc ccagtacaag gtgtgggtga agccctcctt cgagcagcag tttctctacg	240
gcaaccacat acccaaaacc ggactgggtc gcatcacgga gaacgccggc cagtaccagg	300
gccgtggtgg ttactccat gaacgacctg cctctgggct tcggcgtcct ggcgcgttcc	360
acaacggact gcaagaccgc ccgatcccat gaccaccgta tgctttcatc agtcggatat	420
cggcgaatat attcgcgccg aggacacgct ctttttagatc catagatgct aagttttaca	480
tgtttgtagc aataaccatg tttaggtaaa taaataagta tgctgaaaaa cggataaact	540
gcttttgatt tatattttta tggttaatact gataataata ataattgata taaaattacc	600
tacatttcat aaattattaa aaaaaatt	628

<210> 411  
 <211> 1139  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 411	
gtcaaaacca tccatagtga tgtgattttt tgaaaatcta tcaaaatatt ctgaggtaaa	60
cttatgcgct tttgcgtcgc gtgaaaaagt taacgcaggc aaacagctga taagcgttag	120
gtgttttgca aactggcgga gtcagtggcg cctagcctag caatttgata agtgaatgaa	180
aatacacaca tgccgtaaat aaataatgtt ttcaccttac gcagtaaata aaaaataatt	240
aaattgcgaa tattattaac ttttgatttt gtattgaatc tcagaacaat ttgtttctgg	300
ttctttaatc gacacctact cgatagttct gggtatcgcg ccgatcttat ctttttcaaa	360

actaattttt gtctcttga ttataaaata caaaaatgct ttattaaagc gaaatattaa 420  
 aatattcaaa acgagtaaca gccacggata acaaccaacg ttttttctgc tttccaggcg 480  
 actacagctt taaatgcccc ggaagatgga tgccacaagg cattcctcac ttctacagc 540  
 ctgaagatcc acgtccgagt ccacacgaag gtgaagccat acgaatgcga ggtgtccggc 600  
 tgcgataagg cgttcaacac gcgctacagg tgagtaatca tcttccactt cggaggactg 660  
 atagccaccg gaataaacca atggctgcgg gcccgccctt attaatctgt aatcaacgtc 720  
 gcccgattca caaacagatt gcacgccac cttcgtctgc acaatggcga gacgttcaac 780  
 tgtgagctgt gccagaagtg cttcaccacg ctgagcgacc tgaagaagca tatgcgcacg 840  
 cacaccagg agcggcccta caaatgtccg gaagatgact gcggcaaagc cttcaccgcc 900  
 tcgcatcacc tgaagaccca ccgaaggaca cataccggcg aaaagccgta tccctgccag 960  
 gaggacagct gccaaaagtc gtttagcaca tcgcatagtt tgaaatccca caaaaagatt 1020  
 accagcgaca attgcaaaac aaaggctcga agaaaggcca ctaaagacca gcagaccaat 1080  
 gcagcgatca ggagcagaag gtcccagcag gaggagcaga ggaagaagga gttcattaa 1139

<210> 412  
 <211> 569  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 412  
 ggttgtgcag ttcgggcgaa ctagttatga attgaaccgg ttcgcgcggg gctttttacc 60  
 agagttatca ggccatgcc aaagcgcgcc tatcgaactg gtttatgtgg tacatataag 120  
 ggaccctaaa tttaaatttc tggcaattgg gatttcaaataaaaatcaaat cattgaaatg 180  
 cactgtaaga atgtacactc tactagtcac gttaattgt aaataaatat ataaaaacat 240  
 atagtattat taatttgatc aaattagaaa gcagtcttag ggccattat ataactctgta 300  
 gaaaataatt tccttatttt taatacattt cgcagtgtgt tctgatgtat tatcatttta 360  
 taaattagta ttaatttaag tgcacgaaca acctattcgt ttattcagtg ggtcctactg 420  
 ataacgataa gtccgatatc gataggagta ttgtttttat tttgtttaat gtaatatata 480  
 atacgaagta attgttttga tttcatgaga atgtcgaacg cgttggaacg ctgccaggag 540  
 cctactgtgg gccgatcacc gctaggaaa 569

<210> 413  
 <211> 574  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 413  
 ccctggggaa ttggcagttc actttcgttg gtggctcgag tgcgacgtaa agtgccggcag 60

cgaagagcgc	ttttccaggc	acagtgcgcc	actacttgcc	tgcaagtcag	ccacaacaat	120
ttctcggtaa	ttgcgttgca	aagtgcgtaa	ttagagcttg	ggggaaaaac	tgcgttttcc	180
gcaataccag	aacgtgcccc	atttccacaa	gagcgtacgc	agatccgtga	gttcagtgat	240
tcctctaagc	tcaatgtggt	aacgagagcc	atggcgatga	ctttgaaatg	cggaaatgaa	300
agtacaaatt	cggttgcgtg	ctggggaaac	ggctctgaaa	attttacagc	caataacaac	360
aaaggcaaaa	caaacgcgta	attgcagaaa	tcagcttggtg	tacctacgga	cgaaccagag	420
ccccataaag	aagaggggca	catgccccct	accccgcgac	ccattatccc	ccctccgtcc	480
acaactatgg	agcccaacag	cttggtcgcg	aagccctctc	tcgcgctctc	tctctctctc	540
tctgctttgt	ctgcctttt	atggactaac	tttt			574

<210> 414  
 <211> 360  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 414	
cctccggcca	agcgccataa ctccacaaaa ctcgatccgg aattatattg tgagtttgtg 60
tgaatgtcta	ggcttgatcg agtcgacaat atcggcagta gcgaacgact caagttctag 120
ccagcacaaa	gaccacattc tgcaaggaat ccgctagcga ggatcttgct gaaaccaagt 180
ggaagtggag	gagacgagga ctccaggcgc cgcgcacaag aacacaaaca acaaacgacg 240
agtgcgctca	cacgcaaaca cgcattcaaa atggcgccca caaaagcaac aacgcgcgcg 300
gccatcacaa	gcgggcatca tcagctgcag caggcagtgatg atcccatctt gggagccctt 360

<210> 415  
 <211> 649  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 415	
agacgtggtt	ttcccaactt gcaatgcagc gaattaacgg atgtaatgcg acgcatagct 60
tcccgatttc	tggaaacaag caaacgaagt tgcagccccg aggttgatcc ttgcatgaca 120
accgattgaa	tgagagagat tgagacatca acgcgcagtt acgacatcgg gggattacag 180
tctggtcaga	tattggtgag tccgagattc agatgcgaat tgggtgatgg ggtgtctgtg 240
gttactgcgc	attacgttgg tcgatcccc cttaaagcatc tgctttcaca gggcaagcta 300
gcaaaaggaa	aacaaacgcc atgtcgacag agcgaagctc gcattcagct gaaccagcgg 360
atttggcgct	tttgttggac cgcattcaaca tcaacaacaa caataataat aataagaata 420
ataataataa	taataacaac aacaacaaca acaataataa taatgacaat aacaattgcg 480

gtcgcagcaa gaaccggtgg gaactcacag ggaaatatgc aactgctgaa gcccgaagct 540  
cattagaatg tgccccgcag caatctgaca gcaccaagca acaaacaatt tactcgattt 600  
gccagcgggc gcagcgggca taactggatg atcatatgcg cggccttta 649

<210> 416  
<211> 572  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 416  
gggtgggactc ccgatatttt gtggagcgga aggtgttttg atttccttag catttagcac 60  
aaaaaaatgc aactagtata aagtactgtt cactataaca atttttaacc accgatagcg 120  
agtgccttcac tgtgtgtgcg agtaagagag atagagagca actagctcca gcatcatgag 180  
aatacaacaa agcgccttgt tgttgttgct gctggccgtg acgtcgcaag gagatgccga 240  
gtccaattgg aatggtttgt tcttaatttc taactagaat gagttcatca gcagccatag 300  
aaaattatat tgcattcatg ttttcatatt ttctgatctt taagtgcatt ccactgccgt 360  
acttattaca caaatgcaca gagataaaaa ggggatgtga tgcgggttggg ttttttctta 420  
tcattcttga taagaaacta gaacatcctt ttctcgttca aaacatacaa aagtccgaaa 480  
tgtaagtttc ccttactttt ttctggggta tgcgcagtac atatctcaaa gaatttgttt 540  
atgatccata taccaccgac ccatctctct tg 572

<210> 417  
<211> 654  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 417  
atccaaggtg cataaaacga caaagtaaga aactgtgagt gctgtggaca ttaaaccagc 60  
ttcgatttca agaagtcgca ctccctgaaa gcaagcaggt aatgtaaaac attcatcgcg 120  
tgcgatgcaa ggggtatttt gaagtgcggg atcgcaacgt tcatatgcgt acaggaatcc 180  
tcgcacttgc atacatactt acattgcata tttcactgat gctaagggga tatttgaaat 240  
gcaaaagggtg tcacgagtgc atttcgtgtg ctttcctgct aaggattgcg gaaactcccc 300  
aacaactgtg gtttaagggt acacgggctc tgtttgccga atctgcgtat gtaccgcagt 360  
ggctgtgtct gtaggtatgt tcgtttgggg gtaagaacgc ttgagactgg gaggtcacat 420  
tttctgaac ttaccattt tgccttagcg tcaatcgcta acccctcgcc tttgctttca 480  
ggtcattcagg tccagacttg tcagtgattt gaaaaccgga aaaccctttt gcgatcatcg 540  
taacgaaatg agtgccgtca ccagcagcga tacagccatc agcggcatgg ctcttggccg 600  
gagccagaca tctgccgtac tacgtgcgcg gcattgccgt ttgggggaact ttgc 654

<210> 418  
 <211> 378  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 418  
 ggccagaccg aaaaatagca tcgaaattcg agcgaacgtc gtgtataagt aaaacgaaag 60  
 ttgtgtcgtc ctgtgcgaaa gagagagggga gaacccaata tttttgcaag ccagaagtcg 120  
 aaggtgaaat taaaatgcat tagccaccca attgaagagg agtcaactac gaacaaaact 180  
 cggatcttta agaatcagcg aaaaatcggt tgtgaacatc catacaacca caaatcgttt 240  
 ttgcctgctc tcgtgtagtt cctgtgtatt ggtgcgcgcg ccctgtgtgt gtttgtgtgt 300  
 gcgtgcgtgt aagcattgga atggattaac tacccaacta attccaaacc aataataccg 360  
 caacataatc gcaatagt 378

<210> 419  
 <211> 552  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 419  
 gcacgtacat accaaaagaa gcgaggagcc agagagcgag agtggacagg ctaagagcag 60  
 cgaagtgatc tgccactcgc tacttccgtt ctctcacttg taataaacga gtgcaaagag 120  
 agcagtagca gcagcagtag caacaacaac agcaatcgac gggcaaccac ttgaaagcaa 180  
 ctcgtttcga tttcatttag cagatacctt ttgtacgttg attaagatac cttggcacac 240  
 acagacgcac tacaaaagaa gagaaggcag ctaaaaactg cacttaaaaa acacataaaa 300  
 taataagaag tcaactcgat taattcagaa cagttctcca aatgaatgta caacaaaatc 360  
 cacttgacca aaaatgtctt gagtaaaagt gtcgcatacg cgtaaagcgt acgtataata 420  
 tagaaataga tatatgtatt cgtgtgtgtc cgccagccaa tacaaaagca gcacaaaaag 480  
 gtgggttaaaa ggcattttaa atcaaacaat atttaaagtg ctgaaattag tgtggcgtgt 540  
 gcaaagaaag at 552

<210> 420  
 <211> 172  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 420  
 ctattgagca ccgacaacgt tgcgtgtata agacagttta cataaattat tatttacaat 60  
 tgcacagagc gttgatgttg tgcgttctaa gcgaaaaggt gaacttgacc ccggtgccga 120  
 tagaccgccg agctattggg tgtgaaatc gcgagcgagc cttgtggaat tc 172



<210> 421  
 <211> 411  
 <212> DNA  
 <213> *Drosophila melanogaster*  
  
 <400> 421  
 atcccaagca gtagcaagca agccatcaaa atcgtaacct tgggcgtgtg ttaatcaagt 60  
 gatccgtaca tccccgcctc tccccctcc ttttatcatc atacatacca ccaccatttc 120  
 tacatccaac gattttgatc tggattactc ggcttggttg attgttgggt ctgtttcget 180  
 ggcgtttctg tttccgtgca aacatctggc gagataaggg gcctatatag tttcgccaca 240  
 gccacctcgc aggccccccc tctccggttc ccgccagcaa cgacacgaca gaacaaccaa 300  
 aacttgggtg gaaaaaccgg tgcttgaacc gtaagttgga taacgtcatt cggtttcgag 360  
 gggcaaaatt aagacttctg aattgggcca ttatattata cacttttcca a 411

<210> 422  
 <211> 689  
 <212> DNA  
 <213> *Drosophila melanogaster*  
  
 <400> 422  
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 taaggcagcc acgcggtttt acagtcactg ggggtcgagg tctgtttgga tgaccccagg 120  
 ctacctatgg gtcacactat tggagggata tatctggact caagcgttgc tcacagaggt 180  
 cctatggcca ctaccgccac taccaattag tcccgccagt gtcctcatgt tccgcaacaa 240  
 ctgggacgct caaagatccc gatgaaaacg cgtttttccg cctggcaaatt agtttttatt 300  
 taactcgcac gcaatttgca ctttttact actttatttt gacgtaacag tgcagaacag 360  
 ctgctgcgaa cagctgttta gggttgcaac gtgcgcggtg acgcaaggca gccggctaaa 420  
 acgtagcact agaagtgtgc aacgtaaggc gacaaagtct gcaaccttaa aacggtagtt 480  
 atttacggat gctgacatta ttttaaaagt agttacacca tttttattgc tcttttttga 540  
 attaacatth ttacatctat tttgtgcctt acttacgttt ttctataaac atatcgatag 600  
 cacaagctgt ttcctcttgc gcatctctaa tcacgtttac gtaaatttca gaaggagcag 660  
 caacaaggat gtctagaaat ttggttttt 689

<210> 423  
 <211> 959  
 <212> DNA  
 <213> *Drosophila melanogaster*  
  
 <400> 423  
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aaattgagaa aaataaatcg cgtcgagtggt gggacgcgaa cggaatcgct gtgaaaatac	120
cgagttaaat gtgcgtgatac gaaactttcc tccgaaaagg atctgcaatc gaaacggaag	180
ggaaaacgca gagcaagaca tccttgcccc cgagagatag ctgtgtgaag aagacgcgac	240
gataggccaa gaggaggagg gagcacaac aggataagca gtggcagaag aagaagcaga	300
aggcggagcc gcatctgccc gcagtcaaaa caagagaggg aagtgaaca aaagcgagat	360
taaagtgcgt tcagctgggg gaaatgtgaa atgtgaacga tgttgcaacg tcgcgtgct	420
tgcacgcca agtaaaagca gagtcagaag aaaagcaaaa ccaaagcaaa gccagaacaa	480
acaaaatata caaagtgaga gaggagagaa agagagcggg agtgtttggt gtatctgtgt	540
gtagtgcgtt cgcgtgtgcg cttgtgtgtg tgcgtgttac tttgctcaca acaaattatc	600
gtttaatttg cttcgatttt gcgacaacaa caagctgtgc gaaaggggat gtcctttcca	660
ccaccaccac tatcaccacc cctgctccc taaggtcata ggtcaccagc cgagaggtga	720
gtaaatcaag ttgtttgaat tttgttacc aaaactcttt tgcacctaac gataacaaac	780
tgatgagttg acctcgctga aagccgcgta ggaaacgaat gccaaattta accaaaataa	840
taaaacacgt ttgccaacgc cagcagcggc gacacaacag caacaaccca tgtccaatta	900
aagttgcagc agggaaaaaa aagaaaaaaa atccggctgc cggctgctgc aattcagag	959

<210> 424

<211> 598

<212> DNA

<213> *Drosophila melanogaster*

<400> 424

attcgaggca agcgtaccga tgcgcaaaga acaagcataa gcgaagaaga taaagatatc	60
gattaaaatt tctgctacaa aaataaatat atatgtaacg catattgtaa atgttctaag	120
ttaagtgaac taaatcaaatt atttgtgtaa agtttaatat tttaatacgc gtcgaagtac	180
aacgagtgaag gctacagaag agcacacact aaagtgggtgt acttggcgag cgcaaataac	240
ggaaatcaaa ttcgaaataa acgctgcgca atagacgggtg gtgtacataa gagtttaaca	300
aaatccgaat cagaatcagt tgaaagtgtg atttttttga gcctttgtct ggtaagtga	360
gagaaagctt taagcgggaat tacatctata tatatatata taaatatata aatacgaagc	420
cagcccgtcg ccatttttga aaggggattt tacaaaacac acacacacac atatatatac	480
acagctgcga acacatccac atataacccc aaataaaatc cgaagaaaag agcataaaaa	540
aaacgcaaaa caaaccaatt tcgcaacttt ttaagtgaac cttccaatca ggcacttt	598

<210> 425

<211> 517

<212> DNA

<213> *Drosophila melanogaster*

<400> 425

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tttgcgccgg agctcacttg atttttgatc gcttggcgcg gcagttgtca ttccgtctcc      60
tcctccgccc tatcattggt tttgcaatcg cagctctctc gcaaactctgc gctgcggggtg    120
tgcagtacat atacttgtga gaacttgtgg tgtgttatac gcgtaaatcg ctttatcgct      180
gtgacgttga ataaattgtg tttgctccag tttccttttg aaataaattt caatgcagtg      240
cagccacgtt ttttattcgc tttgctgtgt gtgtgtgtta aaagttggac aaaaaaatg      300
gcctggaaca taacagaaaa gagttgtggc tgtcaaactg ttgctaaaca cctcttatct      360
caatcttttt tgacttgaca gtctgcccac aactggaaaa ttatctatcc tctcttctcg      420
ctctgttgtg tatgtgtgtg ttttgtgtat cttctacttt tttgagtcag ctggctgtgc      480
tttacttttt catctcctgc acagctttaa cgagttt                                517
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<210> 426

<211> 582

<212> DNA

<213> *Drosophila melanogaster*

<400> 426

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actcaaacca aaatagttgc aacagttgcc attcgcagcg aatcgtccaa acagctgact      60
ggaaccgtgg agcttacgtt ttgctttttt catcatagcc caaacagctg acgaatttta    120
actttactaa agtcttaaat ttttaactaa gccagggatt ataaatatatt ttctgatata    180
tctgtaaaaa cttttttgaa aatcatttat tctgtaaata ttttcaaaat ctatctttta    240
taaattaatc aattacaagc tctttttcct ctttcagcta attttttgct gtacctgcac    300
cattggttca gaatactatg cgatctatcg ataacaacga tggcgagggg gaacaagttc    360
aagttcaaac agctgattcg atttgttttt aattttcatg tgatataacg aaaccaaaac    420
aagtgaagcg ggcgaaagaa cacatccaag atggaccagc acagcccaat gttgtggcga    480
cctctgcttc tgctgcgcgg cctctacctc agtcaacgcc accagatgag ccactacgac    540
gcactgggat caagccgtca gtgcacgcag aacgaagatc ag                                582
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<210> 427

<211> 709

<212> DNA

<213> *Drosophila melanogaster*

<400> 427

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gttgtaggtg tttgtagttg ttgctgcgct aggaaacgtg tattttcttc tgcgccatgc      60
taaccctttc catataaacc tgatttaatc tttgattatt gtgctctcgc tgggggatta    120
ttgctgccgt tcgttgttgc tggctttgct atttttgaaa attccactaa attatccggt    180
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gtgccgtccg ctcgctctcc gccgttcttg tagttgttgc tattgtgcgt ttttgggcag	240
gtaaaacagt tcatttgccct agggttgccca catcgttggg cgttccccag gaccacctgg	300
aatgcacata aaatgttaag ttttattgcc ctttttacag ttctccaca tttacgactg	360
ccattgagtc gtaaaacacg tgaacaggta gcgatctatt caaggccaca gctgtttagg	420
aggttggcaa ccctggcggg caggagattt caaaacttcc agtggatatg ttctaactca	480
aggaattttt atagccgatt tgtttgaata aatgtacaat gtacataatg tctgcggcag	540
acgctgttaa ttataaatac aactgcggcc gcaagggaag tcatcaattt aaaaagctgc	600
tctgcattaa ttggtatcta atacctcttt tgctggtagag ctttggcaat tttccgtttc	660
aatcaaaciaa ttatataaaa gtgttcttcg agggacttat gaaaccgac	709

<210> 428  
 <211> 666  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 428	
ggatggcgat agtctgccca gaggtggaga aaaatcgatt actcccgat atcgatgtct	60
ctatgatcgg tttcttgtca atttaaagcg attgggtaaa ggtcccaatt aatcgaaagg	120
tgaggcgggc tatttttaaaa aagggaatt atccattaac tttaggtaga ctttgtgcac	180
atttattaat atagcggcgt gttattctac aattagacaa caataaacca atcgattct	240
agtggaagac agcgtatgaa agcagtgggg gtgatccctc catcggactt cagtcgtact	300
tgaggttgcc catgcaaatt tacttgatgt ccacatagtc gtcaatgccg tgtttggaac	360
cctcccgctc gacaccggac tccttgacgc caccaaagg agcctctgct gcggagatga	420
tgccctcggt gacgccgacc atgccaacct ccagtcgctt ggccaccgg aacacctgct	480
gcagattctc gctgtagaag taaccggcca ggccctctct ggtgtcgttt gccttcttta	540
ccgcttcttc ttcgtctcgg aaccctgatg atggagacca ctggaccaa gacctcttcg	600
agtagagtgc gccgaagggt gcacatctgt gacaattgtg ggtgcgtaga aaagggatcc	660
cttgtc	666

<210> 429  
 <211> 559  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 429	
cgctcgggta taaatgaaga gctatttctt tagcccagct cagtaggttt tttttgttgt	60
tccgtgcggg tgctcatttc gcgtaatatt agtgtaaatt cccatagctc ctagtgttga	120

ccagattgtg aacgttgtgc cagacgtctg ttaattagca tatagcaca cgaatatata 180  
 taccaaaaac ccggcaaaat tacaactcat ctccgacgca gtagccagtt ctttgttact 240  
 gctgctcgcg caaataacgg taaatgtgga taacggtgga taaatcactg ctgacctcga 300  
 cctagacaac aaatttgtac atagctatgt acattgtata aaccgaaagc gacaaaccga 360  
 tttcttgttg ccggctatgc attattgatt ttcaacatcc aattcgacag gagagcgttg 420  
 gacagggggg agtggagcgg agaaatcgag tgaatcagtg ccgcaacgta acggtaaccc 480  
 ccgatcccg ccaccttaga ccagtcccat ccaaagtatg aaccgcccag aggaaggtgg 540  
 tgcgccc aaa gaatccttc 559

<210> 430  
 <211> 599  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 430  
 ctcgatgttc gacgacgtc agattcagat tcagtttctt ttcaccttgc gtcggttgta 60  
 gatcgtgcc agcgggaagca acggatacca agtcccagac acacaggcac caaatgcctt 120  
 ggaaaatatt ttgaaaaat tccaagtcac aatcgatagc gactaatgcg ttcgagccag 180  
 attaattagc cagaggtgaa aagtgcattg cgcggctaca gatactgatt ttgttttaaa 240  
 aatcgcacac ccaaaaccag ttaaaaaaaaa aaacacaagc gaaatatata ttttcgagtg 300  
 cccagtgcc agtgcaaaaa taaaaaataa agctatcgta aaataaatca aattttgtgc 360  
 aacgcgagaa tacacaaaag atatattcga ataaatacaa ctaataatat cgtgtcgtcg 420  
 ttgcgtgcc cgttgacaaa agtgcaataa tcatatattt attacaacca attacatatt 480  
 ggtaatcaaa agtaataaaa tcgcaaatca aggcgaaata tttgcatgta catagcataa 540  
 gtgcggttg aaaaatccaa aattgcaaga gttacgaaaa ccaaaacgaa aactggaaa 599

<210> 431  
 <211> 606  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 431  
 gggcacacgt atgcatgtgt gtgtgtgtgt gtgtgatttg tgcacaggta gaggtgaacc 60  
 gtatctgtgt gcgtgcgagt cccttaggta agcaaagaaa atgtgccc aa cttcggtgaa 120  
 caggtagacc gctgctcaca tgccggttgt tgttcttgtt gctcttggtt ttgctgctgc 180  
 tgttaaggcc gctcatgttg ctggtgtagc ctgcgatgtt gctagctgct gttattgttg 240  
 tctcttctga tacagcttct gttagggatg ttgcttctgt tgcttcaagc tgttgatatt 300  
 gttgcccatg ttgctactga tacaactggt actcgcatgt gttgaatcac cactgttgct 360

cccactgctg ctgtttcggg tgctacattg tagcttctgc taatgatgtt aactcttgct 420  
 tatgttgcat ttgtatgtta tggtatgtta tggatgatgc atctacaaaa gtgctgctta 480  
 tgttgcagtt gtctttgcta attgagatat tgtagcttat gctggtcatt atgttgctgt 540  
 aacaacactg ctggtattaa agataatggg gtgcattaag gtaaggttct tctgcatggg 600  
 ggtggt 606

<210> 432  
 <211> 169  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 432  
 gtctagacca cataaacgcg tatcgatggc gacgaaatgt gtacatcgca catgaacgaa 60  
 cggggcgagt gagtatgtac agtttaagag agcgaggcaa tatgaaatat aaacaaataa 120  
 ttaactgaca tatccgtatg cttatcgcg c acaaaaccgc agcagcagc 169

<210> 433  
 <211> 585  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 433  
 gtacacagca taacataatt tgctttctct cgcactccca ctcttacctg ctgagagcaa 60  
 cagccctgct gtctcgctca ttgcactcg ccagttgcct tctcgctccc ccagccaccc 120  
 actctcccgt tcggccgctt tcaccgctg catttgctgc gcgcctggta ttcggttcgg 180  
 ccaaaccgcc gttegtttgt atgcgagtggt attattgttt ttgtttcgaa cgcgagtaaa 240  
 gtgcgcgtgg cgtttccaaa ggttcccgac ttttcgactt gaactgaagg cccaaaacca 300  
 gtttccactg cagccgagga gtttgggctt taggggtcttg gcttagcctt ctcatctcgc 360  
 ctcttgttta cagcttaatt tgcttgcac accccgatgg ttccaccccc tttcatccac 420  
 gtgccgcata gccatacagg ctgacttcca taaatgggac atgcggaaag aactactatt 480  
 atacaatata aattataaat ataaatacat acaatgtatt ttaatgttgt atagaatatc 540  
 ttgatattaa agataagatg caaaaattaa aataataatt tataa 585

<210> 434  
 <211> 849  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 434  
 actccggcgc tttctcgctc tcacacacaa tcaacgggtca tgcgttcgta tcgcttcggt 60  
 gtgtgtctaa aaatagacac aaatattgaa gttgattttt atacggccat cgtcagatac 120

ccctccccct cctgttacca tcccttgggt cgtttggtgg gttcgttggt gctatcaaac	180
atcgccatc agtggtgttg ttattgccat tatgttgctg ctgccttcat tataatgcgt	240
tgttggtggt taaaaataaa ctctgctgcg cgtggcattt ttttttcta tttcaactct	300
ctcacgcgct tttggagagt ggtgagaagt ggggagagcg ttgattaaac tcaatgaaat	360
aaattagatt taattcatgt ttttgccctc cttcaacagg tccagtacat tacactgagc	420
aatgtgaag aaaattcaca tattgtattc agcgatagaa ttatTTTTat atttagttcc	480
gtctatctct tctacttct cacgtagaca agtttttaaa aaatttgcg agcattttgc	540
aatatttggt ttctgttttt tttcgcgcca atatttttag cacctcttca atttttctct	600
gtcgtgcca ttttttggtt gttttcctac ttaacgccac gagctgtttt tctcagataa	660
aattcatagt gttggatgga ggtgggggtg gggggggggg tggggcatcc tggtgagtgc	720
aacattgttg cctcgtttga agtggctgtt taaccactg atggcccaga aggctaaaag	780
tgcataatgg aaagatttat cttagactt gttatgactt ttaaaggcat tttcatagca	840
aacgaattc	849

<210> 435  
 <211> 585  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 435	
tccccacct ttaaatttgc gggcttttcg tttgttttgc cggccgtggt tattggtggt	60
gttggtgctc ctattcgacc atctctcttt gcctttaata cccttacgaa gagtaactca	120
aaagtaaata aataaataaa ttaactactc ttgaaacata tccgttctag tgaaaaaatt	180
aaaattaatt ttaattcaat tatgaatgct cagaattata atgaggaaat cttcttggtt	240
ttgtagaaca tagctttact agtattataa catttcgaat ttcaattaaa agagtactta	300
tagttcggca tgggtgcttcg gtttttcggt ttattttgcc atatgtatat ttctcgtcgt	360
cttttgcgat cattcgtgtt tgagccgcgc tgcagttaac aacgatctga atgattccgc	420
tcccgaaaaa attagcgcgt gtgcctcgaa atattttaaa tcgctaacgt gcgtgtgtgt	480
gaataataat aataataata ataataataa taataataat aataaccata aaataggaaa	540
ggtacatttc caaagcaatt tacgctgccg cgggtataat tagaa	585

<210> 436  
 <211> 505  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 436

acgcagacga cgaactcctc atgtgaccga gtaataaaat agcgacgttg cgcacaatgt	60
aaataaaaagt aaagtgtgaa ggcagctggt caaaggaggg gaaaaagaat aacaaaaagc	120
gaaaaagcaa accaaggcca cataacataa cataaaaataa taataaaaaat gccggccgct	180
ttaagcggct gattttctgtg cccttctatc cgccatctct gcattcttctt ttcgtttccc	240
ccttttatta tctcctcct cccccacaaa cacaacaca cacacacaca cgcgcgcgcg	300
aaatttctat cgtcgcgtac tattttcgtc agtcagctgc tgctgagtcc cgttacttac	360
ttcagtggcc ctctcgttc ttttgctcc tccggtgctt cgttttcttt gagcacctcg	420
tgcaagctct catatgtttt tccgcgtct gctttccgcc gcttttcccc cgttttaaat	480
atgtattttg ataatactac cccaa	505

<210> 437  
 <211> 581  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 437	
gtataaactc gtgtggagtc gtagtcacag tacgttcaac gtaacgttca atgatctaaa	60
ttacgtttac gtttcacaca agctaaaaac taagagaaga gcgcatctcg taagaaatag	120
agtccacaag tgtctacaaa tttccagttg gcaatgcctt tgctggatgt aaagtggttg	180
cactcttctc ggctaggtgg cgctctatct cgagagcgat agtcggggta ctacaaccga	240
accactgggt agacatatac ggtgctgcca acttttgtca agaaaaaat cagttagggt	300
tgaaattttg caaaaaaaaa aaatggggaa taaatatata aattataatt tagcaaaaaa	360
tttcatcatg tggtagctgc ttaggttaag gtatatcaaa taatatggaa aggtaattta	420
ccacaaaccc taattgattg caccatggta taatggcatt agtgagctat accaaaacga	480
gcaactttcg aaatccatca gtactggtga aaacaacaaa ccgaaagaaa tgagtcaagt	540
actacgcatg ctttactggc ttccattttt gctgctgctg c	581

<210> 438  
 <211> 637  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 438	
gcttagcggt tatcgaccg tttgtgttc tcttattctc ttgcgctctt ctcttctct	60
tgttcgctct cttgaaacaa taatttcctt atttctctgtg taaaatgaat acatgttttt	120
tacagttatt caaaattaaa atattttgta tcacaaacac ggagtaaact gattatttta	180
agattaattt taaaaatgtt gttttgcgcg catgttggtg aatttaattt cgcagctgaa	240
tgcttctgta gttctcttat tctcttttagc tcttctcctt ctcttggtcg gtctcttgca	300



accatattttt ccttatttct cgtgtaaaat gaatatatgt tttttacagt ttctctaaat	360
taaaataaatt tctatcacat cattcgagta aatcaatttt tttaagggtta attttaaaat	420
tggttgcttgc gcgcctctta ttgaatttag tttcatagct gcttgccctt tactgggggg	480
ttggtttggg aaatttatca gctggtagcc gcgctggtaa aggtaacagc gcttgcgacg	540
gacattctct aacacagccg ggaaataaac atccagaata atttgagtgg gcttccacac	600
tggcaggcaa ataaccatca agaaaaaagg atttaaa	637

<210> 439  
 <211> 563  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 439	
gaaagagccc tatctctgtt tgacttgttt ttgtttggta ttctttactt gatttcatac	60
ccgtcacacg aacattacgt agggatatatt ggttttgcgt aagagagaaa gatgtcatga	120
ttgatcatta aaatcaatca gattaatgct cgctaataaa atgtaatcag caattatcaa	180
agtgaagaaa gttaagcca agctctcgaa atcaagtcct taaaaattta gtggtattaa	240
aatgtgctac tcttcagttt ctaaattggct tttgtaaaaa ataactaatg cactttttta	300
cactcttgcc acattaagtt ttcagtgaca gaagaaagct gattctaaat tgcagtaac	360
gagcgggtat cactttggtc taggctaccg acagaagcgt tcattcttgt tttttattat	420
tattattatt acgttttttt tttgccactc aacacgtttt ctggttcttt ctttgggtgt	480
atgggtgtgt gcttgagcat gcgggcgcac ttgtgccacg tacacaaaaa cacaatcatg	540
cccacgagga aggtcatttg aag	563

<210> 440  
 <211> 662  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 440	
ctgccgcttt taccgctctc agctgtttgc tctctcgctc tcattttcgt tcgtcgagag	60
ctggtttggc gttcacctcg ttcatttttg cactaaacgc ggcaagatgt tgaagtcatt	120
ttgatttctt cgagtgtagc caaatcaaaa taaatcggtta acagggtatc aggaagttaa	180
agcatgtaag ttactaaact caatataaca atgtgcagtt acgctatcac gtaaaaaacgc	240
aacaaactca acataacccc actttcgata gtaaaaaacta taactataaa gttatgagca	300
taaattaata ggtagcagtt aattttctct ttctcccat attcgcatth ttcgtcacgc	360
acttttttcc cttgcacgaa tatttatcgt cgctttgctt tgtcttttcg ctacaatcgt	420

gtagttattg ttgcggttcgg aaagcgacga acgcttaata ctaccaacaa caagaacaat 480  
aacaacggag tagatacaca ccaaaccgaa cacaaaaaaa agtaaaaaaa aaaaacaaaa 540  
atgttgggtct tgagttatga tgttcctatc atcctttgac tatggaacat ccataactcaa 600  
agataacatt gctttaatgg cttcgtatac tttagagtta gaaaggactt caaaatgaat 660  
tc 662

<210> 441  
<211> 496  
<212> DNA  
<213> Drosophila melanogaster

<220>  
<221> misc\_feature  
<222> (1)..(496)  
<223> n = ambiguous/unknown nucleotide

<400> 441  
acatgtacta tatactatat atatatatgt atgtgagcgg cggcattaag tcattaagaa 60  
tgtgcgacac ataaacggcc ggggaacctg atgcccatnn natcgtatta tcgcattgcc 120  
gaaacgttaa gcgcataaaa caagcgggtg taagacagtt tgccgttgta attggccaga 180  
aagcaaattc tgtagctaga tagttagata gttagtgaac acttaactgt tgagataacc 240  
tcgcattggt ctccgatcgt agtgcacttc cctgatgcgc aaactgtttt cattcgattt 300  
ctcaatgtta caatttaciaa tttacaatta gccagtgatc gcttccttaa agctgccgat 360  
gcttgatgat cgattaagcg ttttcacacc tttcccagtc acgtcgcatt cgcagggttat 420  
ctgtatggat atgggtacat gcatatgaag catacgacat ggtgccccct tccccgctgg 480  
gttatattata aaaagt 496

<210> 442  
<211> 559  
<212> DNA  
<213> Drosophila melanogaster

<400> 442  
gtgacacgta tgtgtgtgcc gaaaaacagt tgttttcttc gctcgccaaa gaattttctac 60  
caaagttttcc cccctcatat gcatttccac accatgtttg ttggcccaac tattatcgcc 120  
ctattccaat tggagtcgaa attttaatcg ctctgcgctg attcatacac ctgccgctaa 180  
ttggtcgcct ccattttaca cctgaatttc gctttgtttg aaatttaagt ttttccctct 240  
tcttcgtggc agcaatgcaa ttagctaaaa cacgctctat ttatttatga ttggctcttg 300  
aatttttcca tttcaatttt tacttagttt ttgcaaccag gtttttggcc aggcgcattg 360  
aaccctcttc actttacagt ggagattgcc tataaacgaa aacatttcat gacttcagaa 420

gtactacatt tttttaattt ttggctttta ttatcaataa tttgcatata aaatagaaat 480  
 tttcaatgaa aatgtgacta ttaggtagaa tttacttccg gttggaacaa tacctattgg 540  
 atggctcaat ttgctaattg 559

<210> 443  
 <211> 397  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 443  
 gtagagtcgt tttcaagtgg cgtttctttc tttcttttta atgtgctgct tcttgcttct 60  
 gcctcttctt cttgcctttg gctatctgct ttgttttgaa atacgttcat gtattcagtg 120  
 tctgtgagag tgtgtgagag atgatctcta ctttttccct ctcttttttg ttctcgctga 180  
 tttttgtatt atttttcgta cacgtaattc ccgtagatat cgaactcagc tgctttttgt 240  
 tttgatacgc ggaattatca acctgctttc gttggcgctg ttaaaaaaca aaaacagtaa 300  
 aaatccagtt tggcttactc gaaaattatg cgaatatctg ggatgtaaag agcttaaagc 360  
 ctgaaaaaaaa tgaaactttt ccattaccca tgaattc 397

<210> 444  
 <211> 470  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 444  
 atccggatta ctagccatgt cgatacagcc ataactgact gtaagtccgt atttgttcgt 60  
 ataatcgtaa agccctcagg tactattaaa gctaccctgg aattgaattg ccacgtacat 120  
 tgagacacct agggatcaag gtctagaata cataactgtt tacgtccttt ttgttctaga 180  
 aatctctagt ttagtgaccg caaacattac ttttttgag gaccatttta tgaacgggtca 240  
 cattaaaaaa tggctagtga taaccacaaa atggcgaaga tacagactgt caagtccgtg 300  
 gggacaatcg ataaaggat cgatgatttt tttttgcaaa attacaatcc ttgaaatgta 360  
 cctttattag gtactatata tcgtatacac attgtaccaa taaagtacag caatatgatt 420  
 aaactttttt ttttataaaa tacttggttt gccaaaggcg ttgcactttg 470

<210> 445  
 <211> 182  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 445  
 ctctatgcct cgtttgctga gacagcagca acagacagcg gaacagaact gaacagaaca 60  
 caactgaacc gaactgaaca gaaaccaaca cacaacaaaa taacacgaca aaacataaag 120

aaaccgaaca caaaacccca gcagaaaagg caaaaaagct gaaaaagagt cgctgagaat 180

tc 182

<210> 446

<211> 370

<212> DNA

<213> *Drosophila melanogaster*

<400> 446

attcagcgc tctctttggt gagagctttc agaatgaaga gaagtaatgt taagagaatg 60

taagagagga ggtctgaaat catgtttggt ggaatatctc tgaagggcaa gtgttgcaaa 120

ctgctgcaca tttctaaaac aaaaatataa aaataaagat ataaaatata taaaataaaa 180

aataaaaaat ttctaaaata ataaaataat aatgaaatga tttaattctt tacgaaactg 240

ttgtcagcag tattattaca ttattattga taaagggtta gtttcttcag catattatcc 300

acctcactcg tagacatgga aaacacatgg ataattcctg ggaaatgccc gtgtcacgta 360

gaagacatat 370

<210> 447

<211> 435

<212> DNA

<213> *Drosophila melanogaster*

<400> 447

gtcgaaacga acgaactctg gaacgctgtc gcagagggtc gatggagcag ttttgagcag 60

tttgagcagt ttgagcggat ttcccagcaa cacaatgttg cgactcaa at cgtaatggtc 120

gtgttgctag ccgaatgttg ggactcaaaa gataatggcc ttgctatagc tgggcggcaa 180

ttttgtttcg gccccttacc acttttagagg cggcacgttt tcaacggggg ggcggggagc 240

tcagcaccta cctgatccca ccgattccac aatgattgta cacacctcag tgggttccca 300

agctcgtcgg cggaatgacg tctcccttcg acggcattgc ctgcttctgg ctgtcactag 360

tctggattca actgggtatc atcaatgccg gcctggagtt cctcaaggat ttcgtacccc 420

ttcagctggg gccgg 435

<210> 448

<211> 235

<212> DNA

<213> *Drosophila melanogaster*

<400> 448

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aatgcaacat atatcgcaac gcgatgggtt taaattta at gttatgattt ttatattaaa 120

aaataaatat ttttttacac cagttattat gccaaatctt ttaaatgtat acaaattagt 180

aatattttaag gaacagaaac cattgttaac tattttactt gtcaaagccg aattc 235

<210> 449  
 <211> 328  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 449  
 tgtagacca ctggaagacg tacatatgcg aagacggggg caaaacaaac ggcggcgaac 60  
 agagggagat acatgtatgt aaaaaaaaaa aaaggaaaagg caaataatac tgtttatcaa 120  
 gtgatgaaaa gcatttaaaa tgcgagtat gccagggtatt gtgtttaaat gcatgccctt 180  
 cgtcgcattt cggttggaat gcatctgata ttggtaagga gaatgttcaa aagacataag 240  
 ctgaatgctg ttaataattt taaaaatatt taagcaataa atgcatatat tgcataatgg 300  
 cattaaaaca aaaggcaata cagaattc 328

<210> 450  
 <211> 110  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 450  
 ggtcaaccgc tctggggccg gttttaattg ttcgggctgt ctgacaaatt tcagtttcgg 60  
 tttcagtgc tgccttgcg gcaagctgaa gctgatttcc ttgcgaattc 110

<210> 451  
 <211> 472  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 451  
 agccaggcga ccagccaaag cttccatttt cctcttcccc tttttcggcg agagagcgag 60  
 cttttccgcc tagcacagtg ggccaaaatg tattcatcct gccagctcac ttccagtcgg 120  
 tcttcacgct caccgatggc actttcgaac ttcccgaac atgtggagtc tctttgatat 180  
 cctgctctct taaggcaagc atttaatggc catctgttgg catccttacg aagccacaac 240  
 tctttgcccc gctttgcaga actcaacact tgccaatagt gctattttgt accactcaaa 300  
 agggtaaaact acagcgttta ttcttttggg ttgtatttat attctccttt aagcaaacad 360  
 ttacacattc gttgtatgtt ggtgctaaat tattaagtgg agatactgga atactctctt 420  
 actaccatgc ggcacattta ttagctttaa tgggttggtt tctgacagtt tt 472

<210> 452  
 <211> 790  
 <212> DNA

<213> *Drosophila melanogaster*

<400> 452

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cagcagcagc agcagcaaca gcaacatcaa cgcagcggca gcaacatcac cgcaacagca      120
acagcttcga gtcgcgtgtg tgcgttcatt tgaggttgtg ttggcaactt cgttgcgtgt      180
gtaacaggcg cccagatttt ccgagagagc tgaaaaagaa catttccaca tgcggagtgg      240
ggtggagtgt tcccatttgt ggatgttggg tttgcggaat tttaataggt taagctgtaa      300
gcggtgtgaa gagagggggg cgagaggagt gttgtttag agaggaggca agggggcggtg      360
tcagagaggc tgggcgagcg aagagggttg ctggtgtggc cttactagt ttcagccggg      420
ccggtgtagt tgccttataa acgagcctaa aaatgcgaga taaagagcgc ttcgcacgaa      480
tcactcgaac tactggact cacttggatt tttgtgagt attcctgcga aaccccaaac      540
acaaacccaa aacctctgaa ttttcccaga acaccacccc acccccacac gtttcccccg      600
ctttaccatc agtcaaatt cttttgcgca ttctacgac gttgatgtcg ctgcctgttt      660
ccggtgtcac ttccttattt agttgttcac gtttgtttgt tgttttgtgc tgttgggtgg      720
gatttcgctg gatttcgtcc ttgtaggctc aaccaattt aacagccatc agaaagtggg      780
cagcgaattc                                     790
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<210> 453

<211> 404

<212> DNA

<213> *Drosophila melanogaster*

<400> 453

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tatgagctca tccagcactg ccgacgtcac cccccccgc gttccattta ttattttcat      60
gacgcggcca agaaagacgc tggaagagcg aaacaagctt ttctgttttt ttctattcct      120
tttgttccgt ttgttttttg gggaggatta catcaagttg gagctgccac atagcgcaac      180
aaaatgccgg gacagtcagc tggtagcacc tgcgtgtatc gataaatcga tagttcctgt      240
tttaaagccc tgtcgacggg acgtaacaaa atattagacg tcagtggcag tggatttcga      300
ggatttttaa atgttttccg tcaatttctt caacatcacc ccaatgtgtc tgcgcgactt      360
ttggtatgac tcgtcaagcg cgccggcctt tatagtcgcg caaa                                     404
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<210> 454

<211> 563

<212> DNA

<213> *Drosophila melanogaster*

<400> 454

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gcggcgcgga aagcagctgc tgctctctcg cgctcttttg ggccataaac atcttacctg      60
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ttacctacca aaccaacttt ccaccgaaac atgcggcaaa tcgcatgatg caagacgcct	120
caaacatttc gctagccaaa gaagtttgag aagtttacga ttgtgtgcca aaaataaagc	180
acgtgcgggc gcctaagaga gagtcgccgc aatctcttaa gttagtttct ctttcgcctt	240
agtcattgac cttttggttg ggtcctaaat atgtgcgcat tttgtcgaaa tctttagcca	300
ctttgttgtc actgactaat cctatgtgcc aaaagacatt agtcaatga tttgtttagg	360
cctttaattg cacctgattt aacggctttg tgggacaaat actgcaagtg aaacttgcca	420
caaactattt gtgtgcacaa taattgtaac aagggttaa atgtcacattgt ggtaacacgg	480
aataaaaagc tttcgatagg agagatgacc gtaaactaaa tacatacaat aatatcgtcg	540
atgcaatagc taatatatga tat	563

<210> 455  
 <211> 518  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 455	
cctcggggccc ggtggttgtc tgtctttgtc ccccgctcaa tccgtcgact tatcggtcga	60
gtgtagttta tatgccccaa agttgtcaac tgtcaaatca cgaaagagaa ggagaagagc	120
cacatacccg agtcgtaatc gaaaagaaaa tcgagaaaaac aaattggaat acttttcgaa	180
acgagtcgcg tgtcaacgta aatactttat atgtttgcaa agtgcgtgtg tccatataca	240
aatgggtgaa tcggtgcact gaaagaaaat gtatatcttc tagttatgtc tgaaattaac	300
gtgctatttc agatcataga tggtccttat aaacatgtta ctcatcttgc atacttagaa	360
gattgtatat tttttggtcg gtgcacctgc ggcagcctta aatcgcaatc ggaatgcaca	420
tttaaagcaa aatcgacttt taaatccggg ctctgtaatt atcacgcta gctggcacaac	480
caaaactaac attcaagtcg agaaatccac gaatcatt	518

<210> 456  
 <211> 324  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 456	
ctaggggatgt aagaatacat cgatgtatcg agaatcgatg taccgtgccc ataattttcg	60
atgttttttg ttgatatcga tgctttgctg aaccagctgt ttaattatac accgttcaca	120
caaccgcttt ttggttccat gtgaattatt taaatcgctt tagatttaaa taaaagtttt	180
tgtgtgtggt cttttttatt tcttttactc ctattttcag tcagtttctt cttattatca	240
tatatcatcg tatattttatt tatttgata tgctgatact tatcattgaa tgaatcatat	300
cttaaagctt ataaatgaaa aaat	324

<210> 457  
 <211> 325  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 457  
 gtcgttatgg gttattatgt gatgtacaac gtgtaagtgt gcgtgcctca agcacttgac 60  
 ctcgccatca atgatcgcag aagggtgggtc gggttaaattg gtgaccaga tgcagtggaa 120  
 gcaatcagga agagaaagga tttgtctccg gaacaaagca aatttttgat gacgtgccta 180  
 ttggcgaagt caaccgcga cgcaccac ccactcaaag aaattggggc aatcaaggca 240  
 tatgtagtgc ccataacacg gttaccaatc acttatcacc ttcccagagct acagttttca 300  
 ttgcattgaa gttcctcggc agcat 325

<210> 458  
 <211> 524  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 458  
 gtgcagagag aacaaaagag agtgcgagaa agagcgagag agacgtcgtg tttttgggta 60  
 cagctgttaa cgaaactccc acgctgccgc ctctgttget gcgctgctac tgcgctgccg 120  
 gcatcgctgt tttgttgac atttttgtgc ggcttccttc gatttttggt gctgtcatcg 180  
 gttttttaaa aaatggggtc gaacttcttt tagctaaaaa cgaacagttt ggacacccaa 240  
 ggatcacctt tttctaaact gaattgaatt attataagtc gctaaataaa cgatattttg 300  
 gattctaggt tatgattaaa aaatgaaata agtaaaaatt aatgcaaata attaaagttg 360  
 ctcggtatca atcctatgta attgggtgtt accataaagc attttgggtc cttatgcata 420  
 acgcaaacct ataatcttga atggaaagtg taattactta ttattccaat actcgtcatg 480  
 tatctgattt agagatatct tatcttttta atacttaaatt attt 524

<210> 459  
 <211> 571  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 459  
 cgtgggggtga caaagagagt gcccgagga gagagtaaag gagtgcgaga gagagagaga 60  
 gagagagaga gagagaggag tccgcgagaa agcgccacga agtatgctct tgttttgtgc 120  
 tctcattttc accttttgcg ttgtctcatc ttaacttttc acttgtgttt gtgttgccag 180  
 gcgagctttt ttcttaagaa ggagaaagga gaaacgagaa ttaagcgaag gtaaagagat 240  
 ggaaaaggag aagggttttg taagaagaag aatttcgatt acaaatggct aatttgtgaa 300



ggaaattaac cttagtttta agaagtataa gtaggtttga tctaattata attattattc 360  
 tgttattttta ttttatcaaa ttatttcaat ggtaatgtga catgaccact gtgacattct 420  
 tataccatat actttttatat attttttcatt tttttttcac acttatatag attatgagag 480  
 ctgactatta ttttaaccat tgctgggtgaa gccacaaaat tggcatggta actttcatct 540  
 tcataaccac attatccagc ttaattgtgc c 571

<210> 460  
 <211> 455  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 460  
 ggtcacactc agccagcagc atggtcacac ctggcgatgg cagtttggag atatatcgat 60  
 tgtgggttcct aggcgatact ttcctggcgc cagcttaaaa aatttaaate ttttaatttaa 120  
 aaaattttcca ggcaaatgca ctagtttttta taggcaacta agcggaatct aaagccattt 180  
 aactgccaat ttgtatacca tatgtattgg actgcaatga atttagtagc aaataaacia 240  
 catatgtaag gttattaata caaaattggt tacttttatat acctcgctaa tgcggaactt 300  
 tttttgggtc catgttgctt ccaagggttt agggtcactt aaaatttact taaatgaaag 360  
 atttttcaca gtaatggggg agatttgctt tcagaaagcg tcgaactcct tctttttctaa 420  
 gggccttaaag aaatgtgtcc cgagaagggg cgatt 455

<210> 461  
 <211> 106  
 <212> DNA  
 <213> *Drosophila melanogaster*

<220>  
 <221> misc\_feature  
 <222> (1)..(106)  
 <223> n = ambiguous/unknown nucleotide

<400> 461  
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 cgatttcaaa gcaaatacag aaataaactc aggccagatc ggtttg 106

<210> 462  
 <211> 51  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 462  
 ctccagatac tttttgaaca ctgaagaaaa cgcgcagttg tgggtgaatt c 51

<210> 463  
 <211> 79  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 463  
 cgtgggcggc accagaatac gagagagaga gcacttccag cgcattccagg cacatagttc 60  
 cgtagctca gttgaattc 79

<210> 464  
 <211> 470  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 464  
 gctgtgtgcg cttctttcga attccctttg ttttcgtact gcctgtcggc cacttgagcg 60  
 gcgtatgcta catgctatat gctaaatagg caaacacatt tttgtaacaa ttctcgaaag 120  
 tcgtccggtg aatgtgtggc atctatagga gctgtctaag tgggccattg gccattcgt 180  
 tatggggcgt tgaaagttgg ctgcactttc tgaagcagcg atgatgaatt gtttgaagca 240  
 ctggcgtgcg gcagctgctg atggcctgtc ggtcaagatg aaaagatgag tggcaaatgc 300  
 gattgaacca taacagatac tcgtagtcag ttgcgcgagc gggagtttct tcgggatcca 360  
 ttaatggatt tgggactata aatacacttg cgccgtggta tctatctggg gaatcgtttg 420  
 atatttccat ataaatagcc ctagcatcgc actattgaca ttttgcaccg 470

<210> 465  
 <211> 507  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 465  
 gttgtgatca tagtaatgta aaatgtcact tgctcggaat agtttttata aagattagct 60  
 gacccggagg acgaaggctc tctcgaaatt atcttcaatg tgaagattct tctttctgaa 120  
 tgtagctaa aatatgtttg gaaactggcc agtagagatt gcaatggctc tggttaagga 180  
 taccattagt agaacatcag cacagtagaa acctggagtt tctgttggga atttacgtgc 240  
 gttacaatgc tgacatagga catataagta tgtacatata taaatataca tcatggacag 300  
 ttttttacta ttttgtgaaa aaataaactt atcacacctg tgttcaaggg aaataattaa 360  
 tatatttatt ggtattgtag aaaggaaaat ttagtggtga aagaaatgcc aagtgggata 420  
 tccccaatth ggtaagtatg gtacatatat actggaatag taagggtaag ggaactctaa 480  
 tccggatgtc caaagctttc cttaggg 507

<210> 466  
 <211> 260

<212> DNA  
<213> *Drosophila melanogaster*

<400> 466  
atctacacga tgcctaattgt caagtgtgga aagtaaggga ctgttttagac aatgccataa 60  
attaacctgc aaatcgtgac aaatcgggac atcggaaatc gaatatatctc tgaaatcact 120  
ggaaacattg aattgaaaca aaatatgcat aaatttaaca aaaaaaaaaa tgcgcaaggt 180  
gcctatgccg gggggcatcc ttgatccaat gagaattact ttagaactt tacgaaatat 240  
gaaatgaccc ttaattaatc 260

<210> 467  
<211> 534  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 467  
gtcccacgga agctttaaca gtggagcctc gtgttttgct ctctcgctct caaactgttt 60  
ctgcgattgc gtgtgtatac aaatgtggtg ctctcttttg ttggcgctct atttgggaatt 120  
gagatcattg ggtaaaaatc tgttagataa aatgggtgacg gagcattaaa tgctgaagat 180  
gatttttatgc agtaactttt aaattaaaca gagttattac gttatgttct gaatgggggtt 240  
ttgaatgcgt tagatgtaaa ctgtgatgtg ttaataaaaa caaattccaa tgtgttttcc 300  
ctaaaaatatt tagtaatatt ttgaaaaatt cttcaataca tcttaaatct gtttttcgca 360  
aattgcctat tgacgttcca ctgaaatatg tttttcctcg agtgagataa cttcccttaa 420  
attcgtagta aaaatgtcga acattaacag aaattaatca tatgggtcat gaagttgatg 480  
cttgcaagaa agtgcttatt taaagaattg tggaagggaa ttgatggctt tggc 534

<210> 468  
<211> 615  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 468  
ctgcaaagta tgctacgaac aagaagtttg cttgaggata atcttaaaaa acatttatgt 60  
tcaccccttta aaatgtcaaa cgatttgagg actctagaga tttcgggaac accctgttat 120  
gtatgttttc ttgatttgct taccttgctg caaaagaaca tgatgcgaaa acagactctg 180  
attcaagcac ctgttgaaatg tgttgcaccc ttacacacac acacacactc acaagcacac 240  
acacactggg aactgacaa agctgtccac ccacgcaaaa aagtccttgg acttcaacac 300  
ctgagccctc tctgtttgat gatgttgtt tttgtgtgtt gttgcagaca agctgaatga 360  
aaatgaaaag agcacaacaa aagaaaagaa aaatcgaaag tttctacaaa gtctctgggc 420  
actcaaacac actcgcacac acacacacac aatcttgac acttgagga cacaatgtct 480

ttcaacgttt ttgtcaccgt ttctgggtgct gttttgccac atgtctgtct gtgatgttgc 540  
 gtactgtgct tcgctctaca agagattcca gtgacacatg acgaaacaga aaaccgaaca 600  
 cagcacgttt atacg 615

<210> 469  
 <211> 27  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 469  
 gttcgggttg agttagagca tgaattc 27

<210> 470  
 <211> 551  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 470  
 ggcgaaacgca gtgcatgtga agagtaccgc tataaaagtt tcgccatcag ctctcccgt 60  
 cgctcaccgt gttatatgag tccaacaccc aaaaaaggga ataaagagag ccaagcagca 120  
 gcgtcttttg cagcgccagt gccgaaaaac gttgcaaaaa cgagcgaatg aaatcaaaca 180  
 actcgcagtc gaaattgttg ttctgcactt gattgtatta attgtttttt tatgggtattt 240  
 gttttttctt ccttgcggtt cgctgtaatt tgtctggctt ttcttttccg gctctcactt 300  
 gttttacgctg cgcgtagcgc agagagcggg gaagagtggc ccgagtgcgg gagaaaggaa 360  
 aaggggggaga gactgtgcca attgttgctg gtggaagcaa caagttactg atggtcgaag 420  
 ggggtgtgct ctcaaagggc gccaaaatga gctgcattta aaatttcgga atattgctac 480  
 cataaacgtg gcttccaatg ggcccagtc ccattacggt catttcgtgc gtgcaacgaa 540  
 accagtgtga a 551

<210> 471  
 <211> 465  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 471  
 ggccgagcca cgacgacacg aagcgaaaca cgaatggcaa acgaagccga agttgcgagc 60  
 gagagagaga gaatgggaga aaagtgcgaa agagagtgtg taacggagca actacacagc 120  
 aagaaaataa atgtgtctag gctagagctt tggatgaat accaaatgat aaaagattta 180  
 tgcacaaaag gcacagactt taaaagataa ataaagcaaa attacaaagt tttagggtttt 240  
 tgacccttaa ttggaactac ttttcccca gtgtgtgggc cggcagagag ggagagcaca 300  
 aagcaaaatg caacggaagc aactcatcgt ggcacaatgg gcagactttg tccgagggt 360

ctccaccggc acctcaccac actacacaac tgcgcccctt ccaccctcct cttcgacaag 420  
ccgaagtttt tgccgtgaca cttcattttt attttccgac cttgg 465

<210> 472  
<211> 215  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 472  
ttttgagatc gaaacatatg tatcaatcga gcggccgtgc gtgctgctga agtcgaagaa 60  
aaaatcacgg gaaatcacgc cacttcggtt aaaacagccg gcaaaatata atgagttaat 120  
atgtgttttt ttccgttggtg tttggcggat aagaaaatcg cggcatgagg gatgctgaag 180  
tgattgagtg cggcgacta atgtgcagcg aattc 215

<210> 473  
<211> 412  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 473  
gtggggaata ttaatagatt cacgtcgggt atgaacagaa ataggtgccc aaatatatac 60  
gtattacatt ttaggcgaag atagcgtggg cttacgatgt tttccaaata tacatatata 120  
ttcccctata aatcttatct aaatcaccta ctctgcttcc attatatgct atcattcaat 180  
ctctaaaggt ttaatcctta cagctgataa gtacagttta attggaggcg taagtataca 240  
gtgcttactt gattagtgtt caaactaate cctcttaggt taggtcatta actctcacta 300  
atccttcgac tattttaaact accgcgatca aacacaaaca cgaagacctc aagtggtcga 360  
ggctgccgtt ttggctatct ctggcacttc atgcacttca atctatgaca cg 412

<210> 474  
<211> 559  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 474  
ggcgaatgct aaacaaaatg agagagcgga atgaaagctg tctcttgag agcattttcc 60  
agcactgcta gagcttttca agagcaccac aagattttta agcggaaagc ttttcaaaga 120  
tgtaactgcc tttttagaa cgtaaaacaa aacattctgc aggacgtaca aaatgtatgt 180  
atttaataag acaaagagtc tattatztat gatattata atataaaaca aatgatgtta 240  
caatcaaatt aaaaatattt tatttacttt cgttttatat ttttaagcaa ataataaaa 300  
aagtaattaa aatgtagata ttaaaataaa aatttaaate gattcgggtgc acacttttgg 360  
taaaatgtag aaaccttcat atggatttcc attaatccct ttcgatactt ttttaactg 420

gctgatagct tacagccaaa ctggttcaag caaggaaccg aacctcaaca cttttttaag 480  
 ctcccacttg gtgactttga aatagtaaac atgggtttta tcagctaata tcagatcgtg 540  
 ccaatctatc aattaccca 559

<210> 475  
 <211> 474  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 475  
 ggccactcgc tcgctgtctc tttctctctc cctcacggat actcgcgatt ttccgcgact 60  
 ttgaaattcc gtatacgtcc gttccggttcg tcggtcgaag ctattctgag cggtagggcg 120  
 cttttgaaca catcggaaaa gttgaaaatt ttgagattta tttatagaga gaacgggcag 180  
 tgttttgatc tctttgctga tttccaaagg tctctttgaa tataattaat caatgggtta 240  
 atcagcccta tagtggattt cttattgaaa aataataatt aaaattcaat cactatgtaa 300  
 ttaaattgat ttttacaatt tatgagataa aaattgggtg tacaggttca tacccaattt 360  
 ctaactcata aattattatt cgaataaacg cacctcaaaa tagtttttga aaaagcccg 420  
 taaaaacatt gacttcaatt cggctattac tattagccaa gtttacacca tggg 474

<210> 476  
 <211> 849  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 476  
 actccggcgc tttctcgctc tcacacacaa tcaacgggtca tgcgttcgta tcgcttcggt 60  
 gtgtgtctaa aaatagacac aaatattgaa gttgattttt atacggccat cgtcagatac 120  
 cctcccccct cctgttacca tcccttgggt cgtttgggtg gttcgttggt gctatcaaac 180  
 atcgccatc agtgttggtg ttattgccat tatgttgctg ctgccttcat tataatgcgt 240  
 tgttgttggt taaaaataaa ctctgctgcg cgtggcattt ttttttccta tttcaactct 300  
 ctcacgcgct tttggagagt ggtgagaagt ggggagagcg ttgattaaac tcaatgaaat 360  
 aaattagatt taattcatgt ttttgccctt cttcaacagg tccagtacat tacactgagc 420  
 aaatgtgaag aaaattcaca tattgtattc agcgatagaa ttatttttat atttagttcc 480  
 gtctatctct tcctacttct cacgtagaca agtttttaaa aaatttgccg agcattttgc 540  
 aatatttggt ttctgttttt tttcgcgcca atatttttag cacctcttca atttttctct 600  
 gtcgctgcc a ttttttggtt gttttcctac ttaacgccac gagctgtttt tctcagataa 660  
 aattcatagt gttggatgga ggtgggggtg gggggggggg tggggcatcc tgggtgagtgc 720

aacattgttg cctcgtttga agtggctgtt taaccactg atggcccaga aggctaaaag 780  
 tgcataatgg aaagatttat cttaagactt gttatgactt ttaaaggcat tttcatagca 840  
 aacgaattc 849

<210> 477  
 <211> 157  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 477  
 ctcaggccat tcaacttctt ctgcagtaag gaaatctcag cgggcggcag cttaagaacg 60  
 ttcctttcga gccggatggt tagctgctgg cgtatggcat caaatatctt gccggcctgg 120  
 ttttgatagc tacgcagctt cttgcgtccc agaattc 157

<210> 478  
 <211> 94  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 478  
 atacagaaca tgtaccagca gctctcacac accacccgcc cgcccccttg gcggtatcga 60  
 tatataaata ttttctatgt gtgcgtctga attc 94

<210> 479  
 <211> 485  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 479  
 gaatgaacat atctcaccca gtgaaaccgc tccaccttcg ctcagcgctg cgtcggcggc 60  
 gactgcgcag tcggcgggca gcagcggcag tggggaaaaa agtgaattta tttcatgcac 120  
 acttttttgg caaccagtt tgagccgaat ttttctgggc tgcccggctg tctggagttg 180  
 ctagtgcacc cggatttctg gtggacaggg gcaggaagtg cagagttgcg tgggcgcatt 240  
 aggtgtgtta gggtgacagg ttttgatatg gatgccacaa atcggatcgt cacctttgtg 300  
 cgacacttgt tgcttcgctt tggctattta tatttatttt ttctttgaaa aatgacacaa 360  
 acccgtgtgc cttgttaaaa atgtgcgctt gcctttggaa ataaatgttt ccgccataga 420  
 aaatgtattt gaaataattt ttgtgcacgc cattcgagac ttccataaat acaaagagga 480  
 atggg 485

<210> 480  
 <211> 1145  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 480

gcaagggcga gaagggcgcgt gttgtgtgcc aacttaggcg ccacacaact ttccaattgg 60  
tgttgaaata gttttgaaag ttttactaat aatctttata gttattaaga taattgagaa 120  
aagcgcctaatt gaaaacaatt cttaaaaaca aaatattaaa tcgatccctt taagatttat 180  
ttaatatggt cccttcctat taactaagat tttttccata aataaataag ttgtagaaac 240  
agtaatgctg cattaccaca gtaaaattta aaactatttt caatgcttta tctcttaata 300  
gtttgaaaaa aaaactgcc aatagatctac tttacttact aactcaaaat gatttttctt 360  
atattttgat tacgtttagt atacctcagt aaaatcaaaa tagtgggtac tagaaaaaaa 420  
caacaacaaa accgctctct gacgtcgttg cgtctgtctg gcgtctcgca cacagccata 480  
caaaatacgt gcacatattg atgagagaga ttttctgcat tgctctttgg attcgtgttg 540  
ttgctgttgt aattgcaagt gatcgtaac cggcgcatta cactccggcg ctctctcgct 600  
ctcacacaca atcaacggtc atgcgttcgt atcgcttcgt tgtgtgtcta aaaatagaca 660  
caaataattga agttgatttt tatacggcca tcgtcagata cccctcccc ctctgtttac 720  
cgtcccttgg gtcgtttggg ggggttcgtt ttgctatcaa acatcgcccta tcagtgttgt 780  
tgttattgcc attatgttgt tgctgccttc attataatgc cgttggttgt gtttaaaaat 840  
aaactctgct ggcgcggtggc attttttttc ctatttcaac tctctcacgc gcttttggag 900  
agtgggtgaga agcgggggaga gcgggagaac gccagtcttc tcatgcgttg attaaactca 960  
atgaaataaaa ttagattaat tcatggtttt gcctctcttc aacatgccca agtacattac 1020  
actgagcaaaa atgtattcaa cgatagaaat atttttatat ttaagttccg ctatctcttt 1080  
ctactctcac gtagacaagt tttaaaaaat tgcgcacatt tgcaaaattg gtttctgggt 1140  
ttttc 1145

<210> 481

<211> 232

<212> DNA

<213> *Drosophila melanogaster*

<400> 481

cttggcacat aaggaaatat ggcacatgga gttctatgta aaaagctatt tagatcgcca 60  
aataaaaacgt ggaatttgtg ggaaacactt ttataatact ttttgtatgt ataagagtta 120  
taataagcat aatgagaaca tggcataata cgagacttaa gccacatgat gtactatgta 180  
catacataga aatgtgtgta tgtacctaca taacataatt ttaaacgaat tc 232

<210> 482

<211> 522

<212> DNA



<213> Drosophila melanogaster

<400> 482

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ccttcggcact tccacagcgc aaggtaaaaa ttctattccg tggcgagcat tcgacgtgag      60
cggacgtttt gagcgcgtgt gccgtgccgc agataacgaa acattcgag tgctatcacc      120
agaattgaaa acagaatcgc atcaaataca ttatacttca cagttgaatg acgagaaatc      180
agaaaaaaat attccccgc ctttctaaag aaatcaaat cacaagtta taagtgccaa      240
aacaaaaatc aataccgatc gcatacaatg cagcgcccca aaaagtgtc aaaactgtgc      300
tgaacaaata ttatacaaaa aaataataaa taagcaaac aaacaacaga aaatctatat      360
ttaatctatt ctatatctat gtgtaatcga atcgaaatgg gcagtcgaac aaattgataa      420
aatggcagct aaagccggag aagctacaaa taaatggatt aagcccagca gggtgagtta      480
tcaaaagcga cgccgcatta cggtagcccc acaaatgaaa ta                          522
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<210> 483

<211> 325

<212> DNA

<213> Drosophila melanogaster

<400> 483

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gtctaataa atcaccgcag cgcagagcaa catttaaaag ctttggccaa caaaaagcga      60
attgcgtaca gttgtgcaac ggcaacatt cgattcgatt cgattcgatt ggtttgatt      120
ggattggatc ggattgtaat cgcaggcggg acagagggcc gcagcaaaag aatcggtcac      180
aaaccgcaca ttagattatc gagatatttc ggggaaatgc ctggcgccaa gtgtgggaaa      240
tcaacggaaa catttgatgat tcgaagcggg gtggatttga ccggtgctat agaaacgggg      300
gttaaaacta atgattttta atttg                          325
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<210> 484

<211> 426

<212> DNA

<213> Drosophila melanogaster

<400> 484

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gggtcaaccag agagagagag ggagcgggag agggagaggg agaggcagag gaagttttgc      60
gaagagagcg agtgagggtc acggaaaata attgattgat ctaatctatc ccatgaaaat      120
ctggtataat tctactttta aatgagagct ttgttttaga gttcgaatcg attgttttat      180
tgcttaggtt tttggtaaga atatcatatt ttatgaggtt atgtggtaat ctgggcttaa      240
gtggtgaagg cttcacatta aaatctctat tgatccgtta actatcttaa attactatct      300
taatattttt tactttcata attacatata ttttttataa attaccgttt cccaattgga      360
aaattatttg gttggtatgt atgggcccgc cggggccggc gtgcaaatca tttttcgcat      420
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<210> 485  
 <211> 527  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 485  
 ggctggattt agagttcggg tcttcgggca tatatcgccg acggcagacg gactagacgc 60  
 ccaacaactg acaccacccc ttcagtcctgg cgattccacg ttcagtcgcc tggattttgc 120  
 tacttttgtt gttgtcgtc tgcttgctgt ttgtttttca cgtcttgcg caacgccagc 180  
 gtcgactgcg gcgccccttg cggagcagag ctgattgtct ggctattttc tggctatcaa 240  
 ttacaagcca ggtacaaatt ctcaatggaa aatgtttcca gaaagtatgc tattatttat 300  
 tattatttct gctatcaaac gaaatatgta tgattgctac tgtaagatta atttgtggca 360  
 taaatttagt ataagtacaa acaataatag agatctctct attaagcgga caacataagt 420  
 cgtgtattta atactattag acttacgtcc aaagaagcta taagcgcac actattgtgg 480  
 caaaatgaat ttgccttaga ggattattca gctagcacca caacact 527

<210> 486  
 <211> 504  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 486  
 catccgattg tttacggccc tcagcggaga gcaactagtg ggtggccact tcaaatacggg 60  
 gatgccgggt tagctattaa atagttatgt ttaacattta ccagtgggtca tttcagtcag 120  
 aaactactgg agtgtggcac agaaagtgta aaagtatgca taacatatta aatataaatt 180  
 gtgaagccta cggtttaca taaatacaat acctgccact ataaactata gccatttgtg 240  
 tatgggtatct cagagagaga agacgcaata agatgagcaa cagaggtatg gaaactaaga 300  
 gcacaagaaa gagagacaca ccaccgtgat acggtttgtt gtggaacgca aaggggtatt 360  
 cgatcgtttg tggagcgcac tgcgtttgtt tgtggttcgc aattgtctta gcccgcgaga 420  
 atatttatta ttaatttatg gcattttatt atgtaccgc ttgttggcta ataagcaatg 480  
 tgtttactta agcttttgag tgta 504

<210> 487  
 <211> 584  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 487  
 ctttgaacca ttgcttttg ttcgcttatg aactgactgt attttttcaa cgtagtgctg 60

ttttattttc gttgttgatt cgttctttgc tcagttcgtg cgcttatctt gacttttgct	120
ttgatgcgcc attcgcatgt actggcgaga gcagcctagt gtgagtgtgc atttaaattgg	180
ctccccaatg agagcatcat tttgtggccc tctttttgtt cagatcttcc ttttgctcct	240
cttcttcatg ctccccagcc catccgtcgt ttgttggtct tgctccgcct gtttttttcc	300
attcgggtttt gaatttacac aaaacgtttg ccgttgcttc ttcattgctga aatagtatat	360
atgtatgtga atatattgta catatttctc tacacatcca tatgttttat ttgcaaaatt	420
tattaatagc gcagcgccac tccgcggctg tgttagtgcg ccagagtgcg aaagtaacag	480
taaaaaacta aatattaatt cgcgttgatt ccgattcgta ttgcaagttg ttcaaaaccg	540
agtgctagtg atatttgcaa aaaattaaca tattttccgc tggc	584

<210> 488  
 <211> 439  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 488	
gtgtgggtgt gagccgcctt tgccaggaaa actaacaaga aaaaattccc tggcgttaaa	60
atattgcacaa aaaatgttga atcagttcga ttttcaatag aacactcacc cattaatata	120
ccattgtagg aggggggtata ttgatttccg tcagaagctt gcaacgggga agggaaacgt	180
ttgcgatcat ataaagtaca tatatatatt ttggataagt ataaactgcc aagacgattt	240
agccaggtct ctctttttat tcgtccgtcc gtatctaagc aagctagtca tgaagttgtt	300
aagttatctg gataagtcaa tcaaagtgtt gtttctactg caggaagtat gtatataata	360
agtatatcgg acatgtacat cggaatatta tgacaaaaaa gtactttcat tatatataat	420
tcatttttagt tttttgacc	439

<210> 489  
 <211> 118  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 489	
gttacgatca agacctagag ccgagccaga aaaaggtata ctgcagagac agagaggagg	60
gcacagtgcg agagagcgaa taccggaaag aaacattcaa gcaataatca cggaattc	118

<210> 490  
 <211> 352  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 490	
atctgctcta aaatgagcgc ccctttcggg cgctcggact gcggccctgc ttgctctgtc	60

ggtgtgcaga ctgtgctcag tcgatatttt tgaagttgct gtactttgcc gtcgcgtcgc 120  
 agtagttgtc tcgctcgtc cgcagccatt ctgcttgccg cagcgtttat ttcgtacac 180  
 tgcgactgcg atgtgcgctg ctacacacg tatacatgca tacagcatac agtggcagaa 240  
 aacagtttgg cacgggttat aaatacgtat ttattagtaa aataaataag ttgctcagtt 300  
 ctttagacga aactatggat tttattttta tattgaatag gatgagaatt cc 352

<210> 491  
 <211> 333  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 491  
 ggccaaccaa gctggttgcc cccctatctg tgtgcctctg ctgttcgctg gtgttggtgc 60  
 gctgtccgtg tattggtggc tctacagctg agcccgacac acttaccctg tttctgctc 120  
 tttctgctgc tgcgcatgtg caagagagggc tcttcggatg ctctatccaa atcgaaagta 180  
 actcagctat gtcactgaag taaacacatt gtattgtaca ttaacaatac cttatacttt 240  
 ggctaaatag ctaggacatt tttacagtct atctctttgt gaaaaccttt ttatcaaggt 300  
 ctttaaaaag taagtgcatt taagcccgaa ttc 333

<210> 492  
 <211> 91  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 492  
 tttcgctactt tgtttagcgc agtgtgacca gccgcaagtc gggatgaata acgtacaatg 60  
 tcgtacaaat accgaagaca atattgaatt c 91

<210> 493  
 <211> 426  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 493  
 ggacagctgc atacaaatgt tttgctctgc tcttcccttg tgttgctatc ttttctctc 60  
 ttccactctt tttgctcctt cttatttccg gtatttaaac tttgcgcatg cgcattctct 120  
 tctaactgaa aaaaaaccgg tcgctctctt tttctttcat ctctctttgc ggtttttggt 180  
 gacattttga tgcacttccc actcaagctc acacatacac acacacataa aactacgctt 240  
 attgttgtct ttttctttc tgetgtttct tttgggtggt tctattcggt tccgttgcaa 300  
 attcgattta cttctacttc gaaaaaatag ccgagacaca gtaacttcaa aactgtgtcg 360  
 cactatcagc aactgctctc atgtatattt ttatcattaa tggatcattg gtttccgctt 420

<210> 494  
 <211> 548  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 494  
 ctcatgtatg tgggttgtag atacatacaa atgtgccagt tgagttttcc caatacgcac 60  
 tgctctgacg tcacgagcat caacatcagg agcaaaagca acagcatcgt cataatcacc 120  
 atgtttatca tcgcaatcgc cacaaaagca aaagcaacgc aacagcagat gtttatgtgc 180  
 caacggtaga gtgtgcattt gtgtgtgtgt cagagagtat gtgtgtgaaa aggtgcatct 240  
 gtgtgtgcta gcaaacagca aatagtgcga gcaggggtgt cagctcactg gtggctaata 300  
 tgaaaaagct gttgccggag tgaaggaaac aatTTTTTTT taaatttaaa ataattataa 360  
 tataagaaag aattaagtaa tatagtattg catagtagtt tatttaccta ttgaatgtat 420  
 aacttttagaa aattattcgc gacagtcgac aaccctggaa tctgttattg cctcgtctgc 480  
 ttttatctac gcgcacacag gccaacagtc gacagaattt ctgtgctttc gtcgcagcga 540  
 gcatataa 548

<210> 495  
 <211> 120  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 495  
 aacgcgtaca aaagcgcata aattgagagg cgagagttgg ctagcaacgc gcaggggtgt 60  
 cggctatatg gggaaaaata acaaatacat ttcggtaatt atatggttcc gaaagaattc 120

<210> 496  
 <211> 408  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 496  
 gccccaaactc tctcttttgg caagaaaaat cgatttcggt tttttgcagc tctgggacgc 60  
 cttcaaattg cggttaaact gaaactgttt gaaaatagct tttgtaataa gtgcctttaa 120  
 taccactatt acccacactt tacttaaatt tctaaagcaa tcattgttat tacatgacag 180  
 attgttcaga tattccccca caagttattt acttgtttac ttattttctt gtattgaata 240  
 cgtataatta aatataatat actaattaaa aataaataac gaagacaaga gaaaatgtct 300  
 aaaatagaaa tgagcttaat ttaagtaaata aaattatata gccttatctc taggggcgtt 360  
 gtttgttttg gttttttatt attatacata tgttcctcat gttcaata 408

<210> 497  
 <211> 559  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 497  
 aactgagcta tgccagcgaa ccaaccgctc gtgttttgcg tttttctcgt gagcgacgac 60  
 cgcgagagca actcgggtgg cagtacactg tgcgaaactt ggtgtgcagt ttaaaaaatt 120  
 cattcaaact ttaacttcag ccttaacaag ccttaacagc acgtataact aaaaagacaa 180  
 tgacagtata atattagtaa ataaacagta aaatattgat taaaacatta atattaatta 240  
 attaattagt taatttatta ttaactttta aatatgaaat gctaggatgc accgaatgct 300  
 ttttatatat agtcacttgg ccgttttttt ctgtgcaatt ttgagatact tgacgttgtt 360  
 attgttcctt tggcaataaa ttttcttaaa ttcagcattt ctagtgtccc aagtgaattt 420  
 ttgatattac tcatcatcat ctcatgctca tctcagttgg aaaataattt acgcttgtac 480  
 ttggagtaca aaaaatgtgt gctgcaagat tgatgtttta agcttatttt aactaaattg 540  
 gtccctaacta tttggttcc 559

<210> 498  
 <211> 592  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 498  
 accccactgc tgaccctggc gccattcgtg tccattcacc gtgcgcaact acaacaacat 60  
 tagccgcctt gtcgtggctt atttgcattt acttgggcat aatcagagcc gggaaacgtgg 120  
 cattcctttc caggatatta aaccgcgagt ccggacgggt gggttaacga gtattggcca 180  
 cgttagagga atttctctga aaggcgaaat gcgtaatgtt aacttttttc gcaaattatt 240  
 aattcgaaaa actgctttta gattagctca caaaatcggt acaaagctag tgatattcta 300  
 ctggaattaa aaaattgatt ccatattcca tgtgacctt aataaattgc aatttattat 360  
 tcaaaaggcc catccacctg cttcactttt aaaacaacca attatttacc caaatgatcc 420  
 gctcattacc ttataaattg atgaactcat attagacca ccagcgagcc gagtgaccaa 480  
 acaaattagt caattcggtt aataattgtt ttggatacgt ctacaatggt gcatgggttat 540  
 ttttcataat ccattgtatt ccgattgcac tggtttcgat ttttggctta at 592

<210> 499  
 <211> 108  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 499

cgccacacgc tttatgtaac tgcgttgta tgcaatata cgaatatgta cgaatgaacg 60  
 tacgtatgta tgttttatgg gggggatgga gcgagtgtat tagaattc 108

<210> 500  
 <211> 284  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 500  
 gaccaggcgc tctcgaaata ggcgcaaaa actaacgaag ctcgaccaga tgctgcaccc 60  
 tgtatgcggc tttgccttcg ttttctaccc gcttcgaaat tcaaattcgc ggcgagcgtg 120  
 aataacaaaa aggtgacgtc atggcggcag cacacggcat acaaacatac agtcgctatg 180  
 gatgtgtctt actacagtcc aacttgctta ctaaaaccaa tggtcagtat agaaaaaggt 240  
 gactcaggac caaataggaa ataattatag tttaaactga attc 284

<210> 501  
 <211> 455  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 501  
 gcctagatgc tagctatgta tgtgcttgat tactagtgc aataactaact accggttttag 60  
 atgcccggcc agatttgttg cacaacaaaa aaaaaaatga agaaatggac ggcgcatcga 120  
 gtcagctagc gatcacttat tgcacacaga aaaatttggc ttaagatcgg gactatgatc 180  
 gtggatgcgg aagaaagttg aagatctaag cacatttaag tacgatattg cacgttctca 240  
 tccggaaaga ttctttgctg tgagaacatt caaatcttga accaagaatg gctttattcg 300  
 cagtggtagg tggcttagct aggtgggctt ttcgcttgac cacgatccaa ttgccacag 360  
 gaagcttaaa gatcagggcc cgatcaatac tcaaaccacc ggaccaggga agtcgtttaa 420  
 aggcttcttc atgggggaaag tcagttgcga gcatt 455

<210> 502  
 <211> 522  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 502  
 agctagcgaa ttaatcaccg atgtttgcac ctgcctttc attttcgaat cgaaacatca 60  
 tcgctgtatg agcgcctcac gtcacctttt aaacttatcc caatgctaca gagactgaat 120  
 ttgaataatt caaaccact caaacaagcg cgtagcaaa caagctatcc gctgcaatac 180  
 cgcgtatcag atatgaatag taatcgagt accttgctg tgtgcgcagt cctgtccgaa 240  
 ttgtttgctg tgggtgtcct tcttcgactt ccagtcctt agtttcccac accacgttcc 300

cgccaacttc cttggcgctc atccctgtcg ccagatgggc tagcctggag gacgccccg 360  
aatgggctct ccaactaacg ccttgtgcga ggtcaaaaaca ctggaaatgg aacactaggc 420  
cacaagtacc aggacttttag ttaaattgggt tgctgacgaa aggtaacaat tgccaattca 480  
ggtgagtttc actcgcaagg aaagataagc tgaataacat aa 522

<210> 503  
<211> 676  
<212> DNA  
<213> Drosophila melanogaster

<400> 503  
gcagtgccgc aatgccagga catccggcgg ccagttcgcg tatatccttc agctatgac 60  
ctgccttttag cgattgcaag tagccgaacg catccggtga tcgtagacca cgatcacgcg 120  
tggaatgtgc cagcgttttt gccgccgttg cggcggctgc aacatgcggt gatgcagccg 180  
gtggtgcagc ggataccggt atcagcaggt cgggtgtgggt cgatcagtc atactttctg 240  
gttgcggtt ctaattgcca tgtcctacta cttgtcgctt gattttgtta ccacccctc 300  
cctgtgcgtg tccttcgcgc tctgaatgct tgatgttcct aatcgcttga cctgtgggtg 360  
ttgcacgctc aatattgtac tggatatttg attacgttca gtttctgggg tggtttcttg 420  
gttaaataaa tgccaatggt gatatttttg taaataacaa tcaacactgg actggtcaca 480  
ttataactga aaagaaaaat ataaccacag tttggatatc aaacgattaa tcaccaaaga 540  
actgagttat tacagcttaa gtaaaaccac ttgctaacac tttaagctaa acactatggt 600  
aaaaacattc ttctactaaa atataataaa aatattaagg ggaataatgg atggcaacct 660  
ttcattggct ttgagg 676

<210> 504  
<211> 541  
<212> DNA  
<213> Drosophila melanogaster

<400> 504  
ggacgaggca agccgcaaga gagcggcact cacacaggga caggcactca cacagacaca 60  
caaccgcacg accacgcgcg caccaacct ctcgctcaca caggcgccga accccatgta 120  
gtagagatgc gaccgtgagg cgattttctt cgcgcgagac gcccgacttt gaacatgcag 180  
tcaaccagtg tagcaccact ctaacttctg ctacgttttg gttgttttat tgtagttaac 240  
agtattaact tttcgttttt aatcatttta aactgcattg caccattggg acacttttta 300  
ttcattgcac agaccattca attgcacatc tctagcagac aaccaaccag gtggcagcgc 360  
tttcgactca aatacaagt gcaaccacgg tcgggcattt taataacgga aaagggatga 420  
aaagtccaga atagcgcgcg cgtttgggaa atgggttaa atcaaagtga ctaggaagtg 480



tgggataata tgaacacgaa tggaaagcga ttgagtaccc ttaagaactt agaataacca 540  
g 541

<210> 505  
<211> 59  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 505  
gaccacgcct aaattaggtc aaagctcagc atcgttttgc atctttccga aatgaattc 59

<210> 506  
<211> 288  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 506  
ctctgaatta ccattgaaaa ttcattcgct tcattcattc tttgaacaca ttcatttagt 60  
ttatttcgat cggacgcctg taagtccgaa tacatacgaa gtgaacgcaa agagaacgcg 120  
accaactgaa tggcatgtat tctgaatagc cagtaaaacg aatcgatact ggagaatggt 180  
gttatgcata cctctagtag gtgtggccgt cgtttttcaa tttgttgctg ccggggaagg 240  
cacattaggt gctaccagct cctgcacacc gttatccagg gggaattc 288

<210> 507  
<211> 234  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 507  
gcttgtccac tctaaattga aaaactggtg gtcacacaaa agtatagacc agatatcgat 60  
agacgccgat agattcgggtg aagtaaaatc gtgcaatttc ttttccaaag acttccacta 120  
gttaaaaaat agatacaaaa atgtccgaat tgcaggtgaa ctgaatctac gtcaaatacg 180  
cattcgtatc ttaaagtctg attacctatt caaacttaac ctaaacagga attc 234

<210> 508  
<211> 31  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 508  
gttccgaccg acgggtgcac acgccgaatt c 31

<210> 509  
<211> 892  
<212> DNA  
<213> *Drosophila melanogaster*

<220>  
 <221> misc\_feature  
 <222> (1)..(892)  
 <223> n = ambiguous/unknown nucleotide

<400> 509  
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 ctctctcaca gagattggga agggaatcac ttttgagatt gccatagtga cgtcacgcgc 120  
 acatctactt atctactgat ctacttatga tctgaatact tatcgatatt ataccaatta 180  
 aagtagttgc atacattaca tacctgtagc tcgtggagta aataattaaa tttatatata 240  
 gctccgttgt ccggttgttc gtccttgtgt tcctaagagt tgggtgtggag aaattgcaat 300  
 agtttatgag caattatagt atcacttact tcttttagct gagttactgg gggatatcaa 360  
 ttgtacactt accaatttaa agaccggaat tgccagtaat tttaattctg actnycattt 420  
 ttgatgnaat tgtgaaacaa aaataatgct taacaagaga gaacgctaata gatgatattt 480  
 tgttcatttt aatggtamca gagtttcaat gtgtaattaa catactatat tatttttcca 540  
 gcctatctag gtacacttta taaatagaag tgattagcca cttgggctgt ggtggcgaac 600  
 ataaatgcct catttgcagg caaatgaggg aaatgccgta ttgataagac agactttaag 660  
 ctggagtttt ttcgatttcg taacgatgtg attcagctgg tcattcagat cttgctccgc 720  
 ctgtcaacac gtttgccgtt gaggactgga atcctcgcgg atttgtctta tttatggcca 780  
 ctggctggtt ctgctaatag ccataaaatc ttattaatca tatacatatg tcaagtgagc 840  
 gtggcaatcg agcagatctg catccacgga ctgggttttc attcgggaat tc 892

<210> 510  
 <211> 53  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 510  
 gttgggttaa agaacagaat attccgatca ttgtaacggt ggacgttgaa ttc 53

<210> 511  
 <211> 197  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 511  
 ggatgtgcc tcaattctga cactcactgg cctaccgggt ttttcgatag ttgaaagtgt 60  
 cgtaatatcg agtacacgat actttacttt tcccttcgct cctttgaagc cctggcactt 120  
 ttagatttcc cgtgaaagt caacgtatat ccgattagt ctgcatactt ttagacggca 180  
 aaaagctgat tgaattc 197

<210> 512  
 <211> 305  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 512  
 tgccattcgc tcgtctctcg gctttatgag ccgaatgtga tgtacaaaaca gtgagaaaac 60  
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 catttcgttt gtttacagtt tttcgttttt gcgccatggg aaggctgtat tcggattctc 180  
 tttaagcaat gaatttaaca aaaaattagc tagccagtga agcatatctc tttaattcta 240  
 ggctgtaaaa taatttttaa gaataccgat atgttttctt tgtaagagtt ggcaatctga 300  
 atata 305

<210> 513  
 <211> 387  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 513  
 gacgagcgaa tggcaaata accaaccgac ctgaccgacc gccactccgt cttcgcacag 60  
 tgggttgtaa acttggctta acaattgaaa tacatttcag gtatggatac aggagcgagc 120  
 ttcgattttc acttggcttt ttaaaagcct tctcttatca gcaatcgggt cttaatacgt 180  
 ttcaaatttt tctctaaaac gattggacat acatattaat gcacatatta gtgtttattt 240  
 tgtcaaatta aaatttttga tgagagcaaa tctgtcttca agtttttatca taaaaatgaa 300  
 attgatttat tcctctttta tttaaaaggc tcgtgtcctg aagcgcgcta gaaagttaa 360  
 gaaattataa gaattttact agaattc 387

<210> 514  
 <211> 530  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 514  
 agctgggcaa tcataagatc tggcctgaca acagtccagg cagaagaaag gggctcgtct 60  
 tcgcttctag actatttata gcttcctcat gggtgacctt gaaaggagac tggacagccc 120  
 aagaggcaag ttcttttggg gtatttacga ctaagcaacc acattggttt tggccagcgt 180  
 aatgagtttt tcgacatgca ctgataaag tcgcagcgat aaggctcgag agtgctgaat 240  
 cagtcgactt cccgcatggc aacagttgga actcgttttt agccactgga actggcgctt 300  
 gtgccacata aaccggacag ttgccgctga aagttgccgt taacaaagcc attgcaatgt 360  
 acagtcgagt caagtgggtc cgtgattaaa aacgagcaag agcagaaaat caaaagcaag 420

ataaacgggt ttcgttggcc aaaatgcgtc atcgccataa agccttgccg aagtcaatag 480  
aaacagctgt tgccaaatcg agaagcaccg gatcaaggag gtcattgcgg 530

<210> 515  
<211> 516  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 515  
gatccgcagt tggcttttga cttcggttcg gtttggacgt gctttttttt tccgcggcgc 60  
ttccgccagg accaattgcc ttcccttggc aggggaaatc gttgaaagcg gccccgcaat 120  
tgcgctcctt ttcgtacttt tagcaattac ggcgtagcgt aattggagag aggtgtaaatt 180  
tcacaattta gcaactgcagt cgttgtgcc cttgaagtcg tgagtgcagt tcgataatct 240  
gaagggtttcc gccgtgagcg acgctttaat tattttgact gtcacagatt tatgctagga 300  
gattgcgata ccattcgatt cgattgtagg aaatgaaagc acttaaaatt atatagatag 360  
atacttgat cttctccagc agaagcgtgc ctttacttga tatgcgtgac aagcaaacac 420  
cattaccct taaatgtcag actgcaatga attttggatg tattaccggg attctggcct 480  
tttaaagtcg ctcgataagg caccgtctgg tcggcg 516

<210> 516  
<211> 583  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 516  
gtatcgccca tctctatttg ccacgttcgc tcatgttcat tcacatttta cttggagtcg 60  
gtaacgttga gttccgcgtc cgtgcgttct gccttccaat agaaagtctg ggtgtgaatt 120  
taccaagatt ccagtgcgaa aatcaactca cattgctcgg tgatccgtgc ggcgggtataa 180  
ttgcagccgg aattgcataa gttgcggcga gcgaaagaga gtgcacggat ttacagttat 240  
aaagggccgg cagcgggtggg gcggcgacgg cagagcacgc agaagaagaa gagacggcag 300  
tggcgaatta aaaaaaaaga tgaaagaaaa ttcggggccgc taatttttct tcaaatttgt 360  
gtgcggtcgg cgaaaaacaa cgtgtttttc aatgggttga taatacacac ggacggcgca 420  
ctcgcgtcga cccacacagt cacaaaagtc ggcgacgtcg acgaccaca cgtcacata 480  
ggggacgtaa aatccgtgca tacgtgtgga gcgtgcatat ataaccatat tggccgattg 540  
gaggcccccg tctgctttta ttttttttac ttaatttct att 583

<210> 517  
<211> 437  
<212> DNA

<213> *Drosophila melanogaster*

<400> 517

gtccccacgtg atccggtgta gcagctgaat gaaggtaagc gttgggggttt tttgcgtacc	60
gccatattta acttactctc ttcattccgg ctccgccttc ttatgtatgc cccttcatgc	120
tccgggggtgg ctgcccctgg cccaagcgc cccggagaat cgctggcatc tgcaacggcc	180
cctccttctgt cccgcgccag cagcagcccc ggcgcgtttg ccgacccgcg tgcctgtccc	240
gtgtcaccac ctgcgcggtt aattcggctt ctgcggtatgc caccgctttt ttttttaa	300
tttctgtccc gtttatgaca agcccggaca tacggtttgt tcattgccga ccggcatctt	360
ttattctggt acagtgcct ttacctctcc gtccctccgc cccacccggg cggacagtct	420
tccttcggca cttcctt	437

<210> 518

<211> 442

<212> DNA

<213> *Drosophila melanogaster*

<400> 518

agtcaacgaa aagaaaatag tgagaggaga ggggtttattg aagagagcct ctcattttaa	60
aatttctctt taagctgttc cttctaaagg acacaagaaa ctaatatgtt tatgaaataa	120
gaaacttaac cgtgtatgtg ttttccaatt ttgcgtgaac aaataaaaga gctcaagcat	180
tttatcgttt gagtaatttt agataaaaaat ttattaatat tttttaatgt tttcaatttg	240
ccatagacaa ctttttttcc aataaaattc ggtaatatata ataacaccat gcctgcaatt	300
tttatataaa tttttagtag cacgctctta gtttaatat taggtcaata aaataattat	360
ccttattggg ttttttttta atttgcatat tgggttggtga ccagctgtta agaagaagag	420
agggagagag aaaaagagaa cc	442

<210> 519

<211> 536

<212> DNA

<213> *Drosophila melanogaster*

<400> 519

caactcatat gtcattttca catctcacat tacgtctaata atgtgtatta tgactatttt	60
tgtttatgct tcccgaacc cttcaattca gtggttagttc acatgaactc cttttcatag	120
ttaaacaag cagctgcatt tcaaaacttg ccaatgtaag tgaagtaact gctagaagct	180
cctacaaaca agttttccat attccacaat atgcatttag catacgccat gtagttaatt	240
acgtatacga cgcgagaaca aaacgaactt gaatgttctg cggcaaggcg agcggataga	300
gaaagcaagg cttacattcg atttcgattt ccataagacg aggttattca ccaccaccc	360

acccactagc caccacccat tttggggggc acatttatta tcgcagacaa gctacttagt 420  
 gtaatcgcat ttgtatctgc aaccacgcga cctcgggctt tttgattgtg actccgcctc 480  
 ggattcccga atccgattca gactcggatt cctgatccca ttttgatttc ggtttc 536

<210> 520  
 <211> 469  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 520  
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 gtgttgtgta ttccctacgc ccctctttct cacgcttggc gcgcggggcgg agggaggatc 120  
 cgtgcgcacg ctctttggag tcctaccgct ctttcagtcc ctctttccac tctctcgatc 180  
 ccagaggtgc ccaaaacata agttgaaact tatttaagta cggcttgaaa tatttaatcg 240  
 aaaaggaagt aaaaaaatat aaataaataa ataataaaat aaatataata atatattaac 300  
 ttttaatat tttttttaat gagcgggctt aaaaacatta aatgggcaag attatataaa 360  
 tattcaagtt acgcggttaa ttaaaaacat taatagaagg gtttttcttt ttgaaattaa 420  
 accaatccgg ttttgttggt atgaacttat ttgactttaa attattttc 469

<210> 521  
 <211> 417  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 521  
 gctcccgttc tcccgcgcgt ctctcgccac agtgggcaag gtggtggatt tttcgaacat 60  
 aatattaatt ataaaatatt caaaataatc acacagcata taatattttg ttacataact 120  
 attttaagtt ataaacatat atttctgtta tatttaaata gtattgttta tactcgactg 180  
 ttttaagtgt atatcagcga tttgtaccac tgtgccgtgc tccacttgct cccgctccca 240  
 ctcccggtgt gtgccgtgcc aaaacggaga tctccacctc ccgtctcgct cgctctccct 300  
 ttctactact acgatgccgc gccccttcgt tttcattcaa aatttcatta aaggatgcac 360  
 acatgcacac ctccctcccc cagacacaca caaaaacgca ctggtctggt gaattgc 417

<210> 522  
 <211> 543  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 522  
 tccatgcaaa cacatttaac ttacagatta tcaaaaatgc attttatcga tcattttatc 60  
 tattttgcta cgctcttttt gtgtttactt atcatgaacc atgcttggtta tgcaataaaa 120

attattttatt agaaagttat actatagtat tgataaaaac tcaagtaaca accaaatatt 180  
 aaatggtaat agtaacccag ttcgtgaact acgccatcac ataaacggcc ccattagtct 240  
 aaaatgtcaa atgacgccaa ttgattatga gctccccctt tggcgagcgc gcgattcgtc 300  
 ttttcgcatg tcaaaaagcg acaggtaaac acacagaaaag tcaaaggtgc cccaggggac 360  
 tgtccccctcc tcccctcggg ttgtttgccc accgttgaaa ctaggggcaa gacatttggc 420  
 tgtctcataa atgttcagag cgttcgctt cgctagttgg gcacaaactt agcgttgcca 480  
 gtgggtccta caaatagact ttagggcggt acggtgttcc caattgacga attataaaca 540  
 aaa 543

<210> 523  
 <211> 510  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 523  
 cggacaaaac taaaataaaa cgaatcccaa acctgattgc ggtaaaaggc caaattggac 60  
 cgttctcggt gcttggtcgg tgccttgggg ccagcgttag tcatcgatcat catcatcatc 120  
 atgagcctta gccgccttat gccgctcccg ctgaattgac cgaattaaag ctctgggatt 180  
 gcgtggagcg ggcaaaccag ttcttggccg ccacactcca gctcggactg caactctaaa 240  
 aagaccagga gaaattgcca cagtcaaaac aattagacag acggggccaga ctctgtgtctt 300  
 caacttggtg ccgcggcgga taaaagttgg tgtcttatgc tgggaaaagt aaaaagtgtc 360  
 taattaaatg cttgtccaga ctggctttgg aaaatacaag gtgcttcaat gcaaacaaat 420  
 ctgtacgaag ctgaaatacc cttaagacat actattaaat ttaaattttt caagcttgta 480  
 gcgcattttt caagctttcg aaatgaattc 510

<210> 524  
 <211> 527  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 524  
 gaattcggga cattaattgc ctgatttaag ggcgaaattaa agtggtacag tgagagaaaa 60  
 gtgtaataat agcttatctg aatttcaaaa actcgaaatt tatttatatt aatttatatt 120  
 ataaagtatc caatccaaga aaatgaggtt atgcgaatgt agtaattaga ttctaagttc 180  
 tagtttttct ccgtgcataa tgagagttct tcctgtttcg ctctcctctt cctctcttgc 240  
 gcactccttc ccctaattct tcacaacaaa agaaatgagc tgaatttatc agctgttgta 300  
 tttcatgctt ggagaagtgt ttgccaacgg gggcgatgt gtgattttag caacgcgctg 360  
 gtgtcactct ggtggtgttt gctttgcctt tgcttttgcc gctgcttttg ctctgcgctg 420

tgggctgtgc tgccgcattg ctgctaatacg cggctttcca cttttaaaact caaaataata 480  
aaagcaccaa gctggcaccg acgtttcagt ttgagtcagc catgatg 527

<210> 525  
<211> 91  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 525  
cgctggcgta atgaaaacaa ctcccgcgct ttttcgcgcc cgcaagagag cgacagtga 60  
agagagatgc taaatttagt tcaatgaatt c 91

<210> 526  
<211> 417  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 526  
acctcgactg aattcacttg ggtgatttgc ggcagctcct gcacgatata cacatttaag 60  
gatgatggaa aaatgctcct tcaccttttc attttctgcy cttagaagtt cgtcttggca 120  
tatagcaaac aaaaagaaaa aaataacgca aaaagcaaaa aggtcctgtg gatggggcag 180  
gcaggcggct tgtgaccaca tgacaaagat tttagatgct gggcttatat ttgcgtgatt 240  
ctcttttaat atatggaatt taataggaat taaaattggg attcacttaa ataaaaattaa 300  
gtgctattta ttgaaacaag ttaagtggc tgttaattgg tacaattggg gaattaaaaa 360  
cactcttcac tagcctattg gtatcattcc cctaategct accaatcatc ctatgtt 417

<210> 527  
<211> 578  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 527  
aattctttcc tctcccttgc cgatgctctt ctcttctct cctccttttt ctctgctgct 60  
cttcgcttc gtcactcgct ttttgtgtgg gaactgcaa cttttttgta atacctaca 120  
gtggagtatt gtgaggttgg ttgtaggttt gtgatttcgt ggatgtgatc gttttgattt 180  
tattttctta aaatactctt ttttatataa ataattgaat ttctagttcg agtttttttc 240  
gacataataa agagcttaca aggccaaatt gcaagtgtat ttacgtatg ttttggcatt 300  
tcctcgatct attttcgctt ttctgatcat tttgatgttg gcattaaatg cgccaataaa 360  
caaattcagt gagaagtaaa caaactagtc tcgaacgcat tcgaataaca acttttcctt 420  
atcaactagc attgatcttt gcacttgaac aaaacgccga aagcgacgtt gagcggcatg 480  
caaaagttaa attgacaggc ccccgagcc cctaaaatat tttttttaa ctagaactga 540



gccccgcgcc ccattgcatt atctattaca aaaaaaaaa

578

<210> 528

<211> 169

<212> DNA

<213> *Drosophila melanogaster*

<400> 528

gtctaggctg ttgctgtctg ccagtgtggg tgtagtgtgc gaaaggccct ctctagaatc 60

gttggattcg aaacaagacg accatgatgc atacacaaga ctcaaagacg gagttttttt 120

tttcaatttg gcaaggcaac tgcaatagtc tattccttga caagtgaac 169

<210> 529

<211> 348

<212> DNA

<213> *Drosophila melanogaster*

<400> 529

gagtaaacac tactcaatgc agaacagaga ctgggcacat tgaatctatc ggcaggcagt 60

actgccagac cgctatcacc aaatttactt aaaaagaaga taaaaatttg gacattttctc 120

tgcagacatt tttaagatag ttttaagtcc ccattttatt atacagcaac atggcacaat 180

ttgtattaat atttgtttta ctatcgccgt cttaacagca ctgaaatttt ccagtgtgaa 240

aactactgat attattaatg cttctagttc tatcgatata atagcgaata caccacacctt 300

aacatatagc gagtgcacaa tctgttagcg ttgcccacac tattttaag 348

<210> 530

<211> 463

<212> DNA

<213> *Drosophila melanogaster*

<400> 530

gttcgagagc gtgtgcgttt tgtcttttct cttgagcatt ccactgcaca cgttttccac 60

catctttttca caaagtttcc atttattgca cctcgcagcg aacgagggta tattgttttg 120

acggaactaa gcagatttaa ccacaagtat caattagggg gaggtttact aatgattttt 180

tttttttgaa tttggtcaag gatttttaaag cgagaattat taattcaaaa acatcatttg 240

gaaatttgtg agaaacattt tggcacaaaa ttgaaagtat tcataacata agtgtgatta 300

gtaaatttat tgaactaata attaaaacat acatatgtat atactatacg ggcataacag 360

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agtcgggatc gtgccccttc ctacttggtc attgtttcct ttt 463

<210> 531

<211> 150

<212> DNA  
 <213> *Drosophila melanogaster*

<400> 531  
 tacaacccat tgatcttcag tcgctttcaa gtgggggtaaa caacggagca cgcctcatca 60  
 acagcagcaa catcagcgcc aacgattggt acacagcgcg aaaatcgggg gtgccttcaa 120  
 agcaattcgt ttcatcaggg aggtgaattc 150

<210> 532  
 <211> 439  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 532  
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 atggctgata cttcacagt gctgggtcac ctataataaa atactggaat ataaaacgga 120  
 actatgatat ttccactgcg tcatttgata ttgatgtat tgtgattcaa agcttgatc 180  
 aattgcctgt tcaattatgt atgttatatt ttttagtagg aggggtaaa ataatgaagc 240  
 aattaacatc tatattctat acatccttct ggtactttta cattctatct tttatgatgt 300  
 aattgtgcct catttcctac tcaaattttc tcttaagcta caagggtatt gtaatgaaca 360  
 gaaaagctca aacattcttt cgttaaaaaa taaattacag gcctcataat ttaataccga 420  
 caattaatat ttattttaa 439

<210> 533  
 <211> 521  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 533  
 gccctgtcta tctctttccc ttgcccactc tcttgggtctt tcattgcata aatcacggtt 60  
 acatttcctt gttataacac aaagagaaaa gaggcacagc cttgtgctac tagtggaat 120  
 gtacccatca aacacacgaa aatattattg ttactgtgta acgctttaaa attaatttat 180  
 ttttatttgc aaacataagt cgcaataaaa tctgtttaga aattaactta aattttaata 240  
 ataataaaaa ttggaatgaa taatatacta aagtaaggag tgcctaaca attagcaaag 300  
 aaaataaaaa atttaaagt agcctaata taaaaccat cggcacagtt agtacgctgc 360  
 aaaagtaatt tagcaacaac attcagatgc aaccagttcg ggtttcttgg cttcctcgtc 420  
 ccattttcac gtgccttttg ttttgtgcg ataaatcaca aagttttctg aaaacgaaac 480  
 cactgatagc gccacaaagt cccccaaca caaaccacca c 521

<210> 534  
 <211> 511

<212> DNA  
<213> *Drosophila melanogaster*

<400> 534  
cgaggcgcgt cttatttcgg ctcttttctc cctgcgttct tcttcttctt tttgtgacta 60  
atcgcatgtg cgcggggtgg tccattatth gatttccgcc aacacctctg cctaccgaca 120  
cctatggtac cctctaata gaatttagggc caattggctg aactagccga tccgctccgt 180  
tcgctcgtcc ataaatcact gcgaactgcg gactgtcgcc gtcgccgtcg acgtcgcaca 240  
actatgacta atccccgctg gcacgcggcg gtggctccaa ctacaataac agtatgtaaa 300  
acagccacag ccgcagcagc agcgcgcac acaacaagaa acaacatcgg cgggggatgg 360  
aagacaacaa caagtgcgat cggaagacgg cagcttttca ggagcaaaac atacaggatca 420  
agatatgcag actaatccca tcctaattgg aaacacacac tatttattcg ggtttttttt 480  
attaatacca agctgaattg ttacatttaa c 511

<210> 535  
<211> 461  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 535  
attcgtatcg ttggcagcaa agtggaaaca aatggaaagg aatgcgcctg gcagcgattt 60  
gaaaaacatg gcgtttatct gctcctgccc atgtctatgt gtgtcgcacg gcctgggtgtg 120  
tgtgcgtgtg tgcgcgggag gcagtgaag cggtgaagac gcccgcgcg gagagggaga 180  
gcgcttgggt gagaggagaa tgtctggcat ggagagttag agagcgtagc gtggttggga 240  
aaaactgcaa cccttaacgg agttgggcca aacttgaccc caagctgaga gagagagagt 300  
gagttagaga gtgagtgggg gtgggaaaat agatgggtgt gagaggctta cacttaaaaa 360  
gagaggacgt aatgagttag ctatttaagt ttatgcgaat aataagatat taccaaaaac 420  
agttatatag gggcaatatt ttaaccatag tcctagtttt t 461

<210> 536  
<211> 383  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 536  
aacaggccca cgcaccacca catcgataca tagcccgcgc cgcgtttgta tgtgtgagcg 60  
agagagcgca caaacgggtt tctccctta atttttactc gcaccttcgc tgggtgtcgt 120  
gcgctctctt tgctcttttt gagagcggcc aagtatctgt gcgctgggtg gcgtgcgaaa 180  
agtatctgtg tgcgctggaa aaagtagcaa acgaggcggc acgacgacaa cacgaacggc 240  
aacaacggca ataataatta tcattataag tgggctggcg ctccggctgt gtgtggcact 300

caggggattg ggattggaat cggcatcgga atcgggtatgc tacggtagat acccctcaac 360  
 cccctaccg aaacggtacc acc 383

<210> 537  
 <211> 544  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 537  
 tggatacaag tgggaaatca cagcttggtt catctccggc gttggaaact tttccaaaac 60  
 gcttttcgat ccgattcaaa ctcatcttcg ttcgcttaaa atgcaaataat cgtggataat 120  
 tgagccgctt actttctggt ggctgctgca ctttgacggc ggggttatatc gtgggttata 180  
 taatgacaat tagaccaca gtgacagcac acgtcaacgc ttatgaaaat gtgagagcta 240  
 gctgcagggt actgagcaga tgggagcggg gctgaaactc atataaaaat aaatagtaaa 300  
 tatatatata ttggttctct actgctgtac atttctccat aagtgagttg ctttcaatac 360  
 tgggaaatat acatacatat atgtaatcgc tttgtaatac aagaaccctt ttaatgctat 420  
 gaggtactgt atcggtaaaa tttttgctaa ggaaataaaa ttacttggaa ataacttgaa 480  
 atgttttccc tatgtttaaa actttagttt tggtttgaag tatgttttta aaatttatgt 540  
 tcca 544

<210> 538  
 <211> 530  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 538  
 tcaacaaatc ggttctcttt cgtttctctc aacggatata tctcatctgc tgaatatgga 60  
 aaaacactca attgcgctga gtactcaacg ctacagctggg ttttcgtgga gtacaactcg 120  
 tctaaccggt gtgacaagtg tcaatgtctc attggaattg aaattgtttg ctcggtttg 180  
 acgctcagcg gaaccgacag gcgggaaacg gcggggaggc acatagtgcg cacagtgggc 240  
 ccaaactcggc aaggtgccag ctgtgggtgt gaacctgctg ggacggggag ttattgtcca 300  
 aagatcaagg ttgttttggc gtgacaaata tttgagggtg ggactaattt gatttgtatt 360  
 taaagccacg acaccgaaa tcgtataaga taactgcaga ggtccttcct tagatttttt 420  
 gtccgtatcg aattgggtatt tgaatttatt tcctatttca tactatatac attttaaaca 480  
 ttatttatatt ataataataa taatatttaa ttctaattta taattaaaca 530

<210> 539  
 <211> 507  
 <212> DNA

<213> Drosophila melanogaster

<400> 539

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ggaaagtata accttcgtgt caagcaaggg tctcgttgtc catgtcccaa gaaaccgaat      60
ctcggttatg gatgataaat aagttgcact aatatattca aaaggcatca taactattgt      120
agtttcgagc taaaaactag aaattacact gttaaattta aaacttacta ccaccagtt      180
agtcggaact attaaaaagc ctttttcgaa agtcgtataa tgtataacat ttcttcccat      240
cccatgaccc tatgcaaaaag ctacaccctt taggcaatat ctttacgaca tcaccttata      300
cgccgaacta cctaggaaaa gcgctataat gccgttccca ttcactgggc gtaacaccta      360
gaacaacaaa gggggtcaca aggcgtaaat ttagttttaa ctatcccata tttcaatttg      420
gctttcacaa tcttatcgcg gccacgggtg taatctgata aaatcccagc cccagcaaaa      480
tagtaccgca aaatcacttg ccctaac                                          507
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<210> 540

<211> 577

<212> DNA

<213> Drosophila melanogaster

<220>

<221> misc\_feature

<222> (1)..(577)

<223> n = ambiguous/unknown nucleotide

<400> 540

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tgagggcgcg tgtgtttgcg ttttttagcat tccagaattt tcgcctttgt ccatgcgggt      120
tcttctcttt tttgcgcact ttgcagaaaa aggtggcagc tgctcggtcg ccatttataa      180
ttctcatcga tccagcattg atcttgccat tttcatgaat cggttggcat tagtcaccgt      240
tcgtgattcg ccgatttttg caagccgttt tagataaaca tgcggcataa atggcacaat      300
gaaaacgaaa tgctcgctga aaaaggcgaa ataatatggc gttttcacta ggaaaccgga      360
aatgtgtcta ctttttccct tgggttgta tgggaaagta ttcagcaacc cccaagtaca      420
caagcaaaat gaaacattca atatnnnnna tgtttcaaag gttttctata ttttatattt      480
ctatacactt accatctcag caaacggtta attttccatc tacacgaata acacaacatt      540
tgttccattt tctcagtatt acttctcttc tggcaat                               577
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<210> 541

<211> 513

<212> DNA

<213> Drosophila melanogaster

<400> 541

ggccccatat acataaattg cttatgcaaa aaataaccat tttgctgagc gccaaagtcag	60
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tgttgatacc attttcttta aggttattgc agtgcaatgt cctcaattgt cggtcgcctt	180
ggtgttttgc ttttctcggt gccttttttcg ggagctcaga tgctgtcgca atgtcccttg	240
cgctcggttct tttcccgctc ctttctgctc ctctatgtgc ctctcttttcg gcagcagttg	300
cccttcgctg gcacaaaatg tgaaatgtga aaggtatttc cgttttattg tcgtgggtcc	360
gattccggag ttcaatattg gtttattttg ttgacttctg atttgtcatc atttgtggtt	420
tatttgccag tgtgggaaca cattaaatat ggtagctgg aaatcaaagg ttatctggat	480
tactttccac acacaaatgc cttaattatg ttg	513

<210> 542  
 <211> 302  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 542	
atatagggga tccataaaag aacggcgcg ggcaaggggc ggctcatcaa ttaacgacct	60
tttttttttt tgggcagtca aattgaggaa acattaaaag tcgcgccaca tcaggcactt	120
tttgttcggc aaagctttgt ttcggacacg ctgagtattt ccatcgcaac gggtgaccac	180
tgtggcagac cccccacaa aattcgtaac cgcaaccaa tctgcaaaac catttgcaaa	240
ttaaagcgca taacgatgtg tgggcagata gaagagaaat gtaggataaa tgggtgaaggg	300
tg	302

<210> 543  
 <211> 611  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 543	
caccggagcg tcgagcgggg ccaaggacag agaggcagca ttcttggcct ttaaaaatcg	60
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acatgcacgc acaccgcgt ttagcgcacc gctcgtgcgg cgagcttttg agagcgacat	180
ctgccggaac ctatcgccaa gttatcgata gatcgtaa at tcaaaaactgt ggcgggtttgt	240
caatgaaata ttacataaat tttaataagc aataaaaaat acaatgagat tatctagttc	300
aaagaattgc aaatttaaaa ggaaaagaag aaagacgaat ttaaatattc acaagatata	360
attatacttt ttcaaaagaa tgggcctcta agttatattt aagttactta tctaagacct	420
tacctgttcc agttcatcta ttattatata taaataacct ttttaaacca attttgaaga	480
atcgtcta at aaaagcttgg attcgatatt tgttttccaa tgccaggaag attgttaa at	540

tttgaagttg aaaccgcact ttttaattgt caaattcaca ttgcattatt tggttttcat 600  
 attagttttt t 611

<210> 544  
 <211> 82  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 544  
 tggcttaatg aaaacacctc ccttgctttt tctcgccgc aagaaagcga cagtgaaaaa 60  
 tatatgctaa ttttattcca at 82

<210> 545  
 <211> 858  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 545  
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 aaaattaaaa ttttaagcag tttgattttc tctctttctt ttcactcaat ttttgaatta 120  
 tgttgctctt ccttctctca atatcgtttc cttgagcgtt tcttgagggtg tgacgtcacg 180  
 gatgcaagg ggaggcactt cgggtgtttc gtgcttcgtc tttgttcgtc tttgcccga 240  
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 tgtggtggtg gtgctggcga ctgcgatggt gtatgtgtgc catcaagact tccccattcg 360  
 tcgtcaacag ctgtgtcgtc atcgtgtcat cgggtgtgga gtagccgatg gccatatctg 420  
 tctgagctgt ccgagtggta ttggtgcacc aataagaatc ggccagtggg tccagtgcctt 480  
 cttgaataac agcccatcc cccgcgacca tctcaacgca atccgttgga gcgctctggt 540  
 ttggtaggga atgattaaaa agtcaccaca acaaataaca ataataataa taaaatgcat 600  
 ttcttttggc ccgcaaaaat ttctttcatt tgggcatcgc tttggcccgg ctgaaaggaa 660  
 aaattataat gaccaagtag gcgacaagaa ggattggatg ggtgggtggt ggggtggtccg 720  
 atgtagacgt agacgatgat tatataacag ttttctgtga ttctcctcat tccgatcgaa 780  
 tcccttcttg aagcaggctt aattaaaaac ttttggcatt cacttggaca aaattaccta 840  
 ctttaagaca ttccttca 858

<210> 546  
 <211> 277  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 546  
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atgaaccaac cctttcatat taaaattagt ttttctccc ctgccaaagc cgattattgg 120  
gaagcgaaaa gagttcgatc cgagaccaa aaaatgaatg ctgacaactt agtatttggg 180  
gaatctggaa atgggatctg tttgattccc cgtttggtgt attccaagcc cgtttatgac 240  
ccctgccttc cttcatggaa tctatttcaa ataattt 277

<210> 547  
<211> 370  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 547  
ggcgtttttg aaaattgaaa aaatagagag ctttagtagg tggcaaaaaa gcgataatca 60  
aactgggact tttcgttcaa caattgggta aaagcttaaa cttagcaaag tatttcgaaa 120  
agttaaattt ttgcttagac tttgctctta aatttctttt aacaaaattg gtaaacacat 180  
tgaggacatc tgaaaataat aattaaacaa attgcaactt ttttcaacaa agttcgaaat 240  
actttcttga aaatagctaa aaacattggg ctatccgatt atttctgcct ctccaaagcg 300  
gtaaaccatc gttaggcgtc catcactatt cacagatggg cgggatattt aattttgaac 360  
gcatgattat 370

<210> 548  
<211> 539  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 548  
gacgtgcctg tacccatcac acacctacaa acgtatacgt catacacaca cacacacgca 60  
cacatgaaga ggagacaga caagcaactc tgggctcccc cctccctaaa cctctccct 120  
cccagccaca tactgccgca cttgcaacgg gaatgttggt ggtattgctc gcaactgctca 180  
aaactccgaa gaggattaca aatgggtgttt ttgtttttgc caaaaaacgg aaatacagac 240  
aaacttctgc cacataaaga gttcaaatta cagcgaccgt tagttgttta gtcacttggt 300  
gtattccccg caactttttg cgcacttttg gggatatctaa actgattaca aacccttaaa 360  
agcagcaggc acaattgaaa ttattgattg ccttaaagtt aaagttaatt gcggttatga 420  
aatttttggc taattgttcg tcattgggca aaaatgaaat gctgaggaat ttgctttata 480  
aaaacactta aatttatagt tattagccac tgaatttgta ttgcagtcgt taagaattc 539

<210> 549  
<211> 449  
<212> DNA  
<213> *Drosophila melanogaster*



<400> 549  
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 catggtaaaaa aataaaataa tttataataa atgtttttaa tataataaca aatattttga 120  
 gttaatactt tacatttata tttaatcaag gtaagctaag atatttgaga tttatttagt 180  
 ttttaccaag ctgcaaatta tattacacct tatacttttt tttaatgacc agtgaattt 240  
 cacttggcac gttttaaagt attttgtacc gttacggata cggatcatatt ataaacaata 300  
 aaatctcgat ggactcattt agccgtacaa aatataaaca aattaatacc aaaaagacat 360  
 aatagtcgct tttgaagtat atcaaacttt tatcaaacca tgagctgcaa ctacgcggat 420  
 ggattgtcag cctacgacaa caagggaat 449

<210> 550  
 <211> 85  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 550  
 gactggcgta attaaaacgg ctcccgcgct tattcgcgcc cgaaagagag cgacaggtag 60  
 agagaaatgc aaaatctagt tcgga 85

<210> 551  
 <211> 485  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 551  
 agtgggacca ggcgcgacta tcgcttgatt ccgatggcac gaaatgggtca aactttttct 60  
 cgagcaacga atatcacatg acggacatgt cccatgcagc agtgggacca tgcgcgacta 120  
 tcgcttgatt ccgatggcac gaaatgggtca ccttggaccg ccttccctgg cttatttttc 180  
 ccttataaat ttgtgtatgc ctatcacaat tataacacgt ataattattat aaatagtgtt 240  
 atctatgttc cattaaattt tccgatacat aatattaaag ctatttttta attaaaaaaa 300  
 ggattttttt aatattgaac aaactaacta atttaactaa ttgtacgcat tgtgaccata 360  
 ccgacattga gtaacttgat tgacttaaat ttattttctag gttgtcaaga acattatttt 420  
 taatcaataa ggtattttcta aacaattatc tgcaccttga aacaccctac atttttcggt 480  
 ttggc 485

<210> 552  
 <211> 314  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 552  
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agagagagag agagcacgag agcgaggctc tcccagagca aaaacttggt ttcaacggcg 120  
ctttgaagag gagcataaat atgcgcaaaa aagcacagaa taagaagcag gcaaaatgaa 180  
ttaatagaca atcaagccaa acgatgctc tgaattaata aaagaaatac cataaaaaag 240  
ggaaagagaa agagggagaa aaacccttga gttgaaggaa gggtataaag gttggaagcc 300  
gcgggcaggg gggc 314

<210> 553  
<211> 515  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 553  
cgtcagtccc acacaacagc aacaacaatc agcacggggt tgtttgtgga tcccattcgc 60  
actgagatac gtcattgctg agaattttca tgaatgaatc gcgaccggca cttttgttaa 120  
agcgaatcgc gagctgaaaa ggaactgggg aataggccgc aaaatgcaat aatatatatg 180  
ctcggcattt ataaataaat ataaaaatta agtaacacca agggtagtga actgttacga 240  
aacgttgccc aacactgggt ctattggagc aatattttaa aattcacttc gttcaattag 300  
aaatttaaag ttacgaaaat tacatgctaa ttcacataga aacttggaag gaaattatta 360  
caattaaatt ttctaacgaa tttgatttaa tcgagtaaga aaagtaaata gtttaagcca 420  
tctgtttaga atatacctgt aaaggatatt actattgttt gctatattat gggttctaaa 480  
aataccgatt ttaagaaagg tatctggctg gttcc 515

<210> 554  
<211> 357  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 554  
gtctgttcta ttgtgcgga atcgagtga tgagagggga agtccacaga aaccgcaagc 60  
aaaagcaaca agcgtgtggg aaggggaaat cgaaagggga agtaaagagt atgtgtgggt 120  
gtgtgtgtgt gcgtgaaata tggaaattga aaatgcaatt aatcgtgaat taatggcaag 180  
ccatagaaat cgctcaatgg cttaaagtgc aagagaaaag tgagcttttt gttattgttg 240  
tcaacgcgga aagacaaaac cgagaatctg tgggtggaagt tttaaatacg tggtatttat 300  
tttcgttttc gcaacaacaa taagccatca agcgaagtgc tgaaatagtc aatttac 357

<210> 555  
<211> 619  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 555  
 gcccggtgct gctgactcga ccgattctcc gattcctatt gaacccgcgg gcgataatct 60  
 attaccagtc aagtgtcaag agttcaacaa ccggcgcggc tctgaaaact agtttttgca 120  
 tgattcgcac actccaaatc ggcatcatct aattaccata tcccgagttt gtttacaatc 180  
 ggctgccaga tgtgcgtgcg gtgcgttttg agcttcaaga tgttctggac gtccggggta 240  
 ctaggctcgg gcagccggca ctagctctca ggccagctgc tcaaacattc tgcagctatt 300  
 tggccgccag cgagtagaac gatattgcc aatattttat aatagtaacc aatacgttac 360  
 cagtatgacc gcgccgataa cgatagaaaa taccacacgg tctaaaagta aataccattt 420  
 ggggtattcc ctaatctttt gaattattta ccgttaggtt tcggtcgttt ttttttgtca 480  
 gctgttcttt gtatgaaacg gattagtaat tttatttggt gtttttgtgc atttttgcat 540  
 attaaaagcc ttgaaacatg ccttaaattc gttaaaatag attataagaa ggaatggact 600  
 gtttgtttaa acccattgg 619

<210> 556  
 <211> 295  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 556  
 ctccagccaa tcaacagttt gccaggcctt tccgccgtgg tgagtttcgt tgctctccct 60  
 ctcaactcgg gcaagcagcg ctttttcgac ttcgactctc tccggtctcg cttgaggtaa 120  
 aaataatata acaggtaccc cccctatacc aagaccattt gtgtataagt atgtgtatgt 180  
 gtattcagta tctctcggta tccatcgatt cgtgcgcttg tgtgagactt ttagcggctg 240  
 gcaaatgtca tgatttcccg aaatacgtca tcagtgtgcg cgaaaaaccg tgcgg 295

<210> 557  
 <211> 203  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 557  
 cgccgggctc tctggggacg cgaggcatcc gggaccacgc caaccgaccg gagaccacgc 60  
 gcctctggaa cgccgtcgcg gaggccaccg gaatggatgg tgagtgcact gagcgaaatc 120  
 gggatcaata ttcgggtcaa cacaaaaatc caattggaac taattaaaat tataatattt 180  
 ttagattatt taaaaaattg tta 203

<210> 558  
 <211> 202  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 558  
catccgacat gggttttattt atttgtttat tattttgcag attttggcgc aaattttggg 60  
aatcgttggg aatgtcactc cagtaataca ctgcagcttt ttcactactg ttccacttgt 120  
ttttactccc tgtgaatggc acgtctaacc gttgtcgata tcgcaaaagc atgctatggc 180  
agccgcacaa ccaactgaat tc 202

<210> 559  
<211> 311  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 559  
caccaaacgc aagttcgccg acgattagtg gtgggctaag atcgatgtat tcaccatcgt 60  
cgtcatctat gggttttttct ttgctttata ccgactttgc cctgcgtata ccccttttta 120  
acagcgaagt gaactggaag gaaattaaaa atatattgtg ctgtgtgtta tactaacagt 180  
aactactaat tgctaccgtt ttaaattata cactaaaaaa ttgttttggt tttttgggat 240  
tgagttttca atttcctagg ttgaaaagg aaatatataa tcaaaattgt atttggatct 300  
aatttaataa a 311

<210> 560  
<211> 511  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 560  
agcccatcta ttgaaagccg aagatgtttt cctcccgggt cccgacttca taacaaaaaa 60  
aaaccagtcg cgtgtttatt aataaccaa atatgcacac aaccgcccac gaaattggtc 120  
aaaataacaa acagtgaat aaaagatatt ggaacttcag gttgattgga tattaattcg 180  
gtttaagttt gataaagtaa tgataaaatg cagttaaatt gttatatctg tgttaaacad 240  
tgttataagt tacttccgca tgattaaggc gcgtttgctc caaacatata tccagcacia 300  
agcatttggt ctagtttaag tttaaagaag caatctgaaa gacgttgaca ttaaacctgt 360  
ttgaaaacgt gcatctatta ttatatgttt ttagaccaga aagtttaaat aaatttgggt 420  
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cattaaaatt tcctactttt aatttcgaat t 511

<210> 561  
<211> 354  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 561  
gccgcgcctg cttggccgcg tttgttgcgc gttcactttt ggccgctgcc gttgtcttga 60

gaggctctct ttttttggtc ggctgcttgc gttttcctgc ggtttttcgc caagtgttta 120  
tgaagatgat gatgatgcaa ggattcgaca tccaatcatt tgcataatgta tacacacacg 180  
cactcactcg cacacacact cacacagcct ccaaagtgc tgcgagag gagagaaact 240  
gaatttttca ctgcacctcc ggcgaaagtc cggcggcaga tttgttggtg ggccaagaag 300  
actccaatat atattttgcg gggcgctttg gtttttgggg cttttcttaa ccca 354

<210> 562  
<211> 505  
<212> DNA  
<213> Drosophila melanogaster

400> 562  
gccctgtctt ttagacttt gaatgggttt ttgaaaaaga tgctgagcac aacagctttt 60  
aattgccaaa gtaatattaa gaatattaca actgactatt tggcctccga gtaactttta 120  
ttcacaaaatt tatcggtttg ttcgtagag tgaataattt aaaaaaatat ataacttttc 180  
agcgcggaac gttattaaat aaacaattta ccttaaaaga cctcaacaag gtgaagtgt 240  
aagtataaaa tattaaaact ataaattttg cagaatctat ataattgacg atgcgcaagc 300  
aaatacactt caaataatag agatttatat ttttatgcaa aaatatattat gctaaaaccc 360  
actatatcac aatattaaaa attagagata tactgatttt tatttcgagc taaatcatca 420  
taaataacaa ttaaatatgc atattttatt ataagcttgg gtcatagttc ttgaatttac 480  
tgtcaacttt tttcgaatgc taatt 505

<210> 563  
<211> 406  
<212> DNA  
<213> Drosophila melanogaster

<400> 563  
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gcgctcagtt gaaaatctct ccaaggagtt gcgaaaaaaa aaactttgaa aacattgttt 120  
tggaatgtcc acttggctgg cttttgtgtg ttgaaataaa ataatagtta tctgcgaata 180  
aaatattaaa aactaaatac tttctaaaac gtttaaaaca ctagttaaaa gtgcctgtat 240  
aaaatggaaa ctacaattgt tactacaaca actacaaccg agttgaaatg cactatgcgc 300  
ggcagtaaaa agaaagatgt taagctgcgt tccaaactct aaaaatctga cgttttcaat 360  
tcagttagaa caaacaattg gctaaactac tccatggcca attaatt 406

<210> 564  
<211> 368

<212> DNA  
 <213> *Drosophila melanogaster*  
  
 <400> 564  
 agccaaacag tcaacggcca ccgaatgcc taaaatacat gctgcacacc cgtgggcaaa 60  
 caattaggat aggctattac aatttataaa aattataaaa ccgttaaagtg ttttaagtgc 120  
 ttaaagtaaa tgtctataat aatgcttaga ttatttttta ccatttctat tgttggaact 180  
 aattgataat actttgaaaa atcaaaatth aagatgagta ataagtagta agtagtttag 240  
 cgatagaaga ttaattttta gaaaaataaa taccttacct taatccattg cttattccca 300  
 atctattgac ccaggtggt ttagcactca ctcacacaca cacgttcaca aaaaatgggc 360  
 agaaggggt 368 ,  
  
 <210> 565  
 <211> 278  
 <212> DNA  
 <213> *Drosophila melanogaster*  
  
 <400> 565  
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 gatggcacgc gcatcgatgt tggctcgata ctttcgctgg cgcttgggat tatatacttg 120  
 cgctgttttt tctcttcggc gctggtacgg tcataccgcg aattgtactc tctgagattc 180  
 gagttcgaaa gtacgttttag catatgcagc aaccaactaa gagataaaat tcgaaatcaa 240  
 gtttttggcg ggggtttattg atatagaaaa tagacttc 278  
  
 <210> 566  
 <211> 290  
 <212> DNA  
 <213> *Drosophila melanogaster*  
  
 <400> 566  
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 gcgattgcta ttgcgacggt agccacactt gaaccttgcc tgcgccgctg acatcagaca 120  
 aaaaaaaca aggttcgggt tcagatttgg gtcttggtt cgggatctcc ggatctgaat 180  
 cgagtcgcat cattcccgtt gtccgggaat agccaagagc caatcaggcc atttgccatc 240  
 ttcgtgcact gcacttgacg ctccggcgcg gaaagtthtc cgcactgcac 290  
  
 <210> 567  
 <211> 739  
 <212> DNA  
 <213> *Drosophila melanogaster*  
  
 <400> 567  
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ggccccgtcc ctcttaactc tatttttggg ctaactgttc ttatcgctga ccaaattcat	120
tcaccttttcg aattgtgtgt tatctcccg c ttgacagcac acacacacac tcgagcatta	180
gcataaaaca cacacacggt cagcagtcgc tctcccat t acataaggcc aaaaaggagg	240
aaagaaatct tttgaaaatt gagcgattcg gttggccttc tagctttctg ctttctcagc	300
gacaaaaaaa gaacagaaaa acaaaaaccg gctttaagtc cggcaaagaa gccacatcgt	360
ttagctagcg gtgttctaaa ttcgattaat tatgattttt acgccacggc catcaataag	420
tggtttaatt ctctaatgc ctttccagct tttttgccg atggctctgc cttgttcta	480
attcaattct aattagacaa ttgagtgcgc gggctccttt aagcgtgtgt gtgtgtgtgt	540
gtgtgtgtgt gtgtgtgtgt gtgtgtatgc atgtgcgc atgacgtcat tgctgagggg	600
gcataacttt gagaacagtt caaactccat agcacgacct tccctttatt ctctgttga	660
agactgttaa ataaaacttc tttattatgc tcgaagtctg ccttgagcaa gcttcactgt	720
atttttccgt tccgaattc	739

<210> 568  
 <211> 766  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 568	
atacaaagca aaccaaacca aaaacccgaa aaaaacgaaa gtgcgtgcga tgaatgagca	60
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ttttttgggt cttctcttca agtgggtatt caactttagg taacaccgta attagattaa	180
atattttgta caaccgatta ctaattttta attcgtcctt gcttagtaga tatccatgat	240
cacatgaact cttcacattg aaaaataaaa aggttttacg aagtttaatt acgaacatta	300
taaatgtaat atgatataat gtcgattatt aatgctaata ccgttgtaag tcaattactt	360
aacttttagta accaatttaa ggtcgaaata tggaaaaaat atttatacct ttaattgaaa	420
aaacattatt aggggtagtt caagactcga cctttaagcg tttttgtgta gttttgtct	480
gtgctcgccc tttacgcatt ggaaaaaagc tgccaaaaat atcaacagaa gcctgagaaa	540
gagacgggaa caacaggagt gcgagagaga gggagtgagt ggggagtctg aaagcaaaat	600
acaatgtgcg tgagcttttt tttttggttt cgtttttgtg tcgttttcag cgttttttgt	660
tgggttaggt tcaatactga atagttttcg tctttttttt cgggtggata aagtgggttg	720
attaaggggg atgtgggagg ggaatgggtg aagctttggt gcgtgt	766

<210> 569  
 <211> 700  
 <212> DNA

<213> Drosophila melanogaster

<400> 569

ccctgttcca ggtgttatgc tgtacaaggt aataggagtc gtgtcaactt acaattgttt	60
acagtctgat ttcttatagc ttgatatttt atgatcttaa gaaccagttg aagaaagtac	120
gacgttcgac gaataaatcg taataaatat tttgtgaaaa aagtttcttg gttatagagt	180
tagacatagt cttatctcta aaaatgcatt attttccagg ttccagtttt taactttcta	240
ataattcttt accattaccg aaagttgaga cccaatttgg cttactcgct tttatagtcg	300
acatacccga ctaaaggagg gtaccaaag cctgcgagta gagaaccaca acatgactct	360
gtcacgtttt tcatttgctg actgaacgga gagtaagaga acgctctctt aggggtgagag	420
cgaaagggga gcttgagcgc cacacaagag tcggcatacg ttgcgacgtc gactgcggca	480
gcgacgcccc cgcattggtg gcatttgac tctctttgga gccattctc ccgctctctc	540
tctcttgctc tcagactaag tgtcagacce ccacgtgtgc atagtggttg ttgctccact	600
gttggtgttg ctacaatatt tctgtttgca cttgtcggtt ttgtttttgt tgtttatccc	660
attctatcac tctctggcat tctctagaag cagcggtcag	700

<210> 570

<211> 484

<212> DNA

<213> Drosophila melanogaster

<400> 570

atgtggccca tgaaattggt acgcaaaatc actgtttgat tttcgggggc cgctggacgc	60
actaatccga ttgtgcagtt aaccgggagg gattaatcca atgaaaataa aacacttttc	120
tttcgtaaag gcagcacact ccgcacaaac aacatgcgaa catatacaga cagactgcaa	180
ttaaacaggg ttgccatgcc gtttgaaacg cgcacagcag cagaaacaca gtttgacat	240
tactttgatg tttattgttt gttatttttc cgcttatccg catataattc acttgcttgg	300
cccttttcaa tatttttcaa ttgtacagcc aatatatttt ttatgatttg ccctggaggc	360
ggcaactctg ttcggggata cgggcacata catagaaacc agcgagttgg ccaaatacaca	420
cacacacact cactcacag cgcgacgcgc aaaagaaaaa ttatactgtg ttcctatacc	480
aaaa	484

<210> 571

<211> 497

<212> DNA

<213> Drosophila melanogaster

<400> 571

ggcgcgga cagctgaaac aaaccccaag tgttatcgat ctatcgacga agtgttatcg	60
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acattgtata cccgctatca agttcgggtgt gtgtctctgc taagttggga gtgtgtacta 120  
gctattttaag ggtaatttga aattcgaaac ggggacttcc cgaaaaggta ataagcagta 180  
atattaacgt ctttctatgt aagttgaagt atatttattt aagttgcaga gagacaaatt 240  
gttttagcta atagcacttc ttattgcacc aatcccagat acatccgtcc attgcattgc 300  
aaccaaattc tccaggataa atgccacaaa agtcctcgat attcatgaag gcacagcttc 360  
ctttgggaca gtagtaactg tagcagcccg gtgagcactt atcccgtgg tgatccttgc 420  
agccggacaa tccaaaatgt ctgtggaaac acaagaatgt attaatgatc ttgaaaccat 480  
ttttacctta tctctcc 497

<210> 572  
<211> 373  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 572  
gttcagtcgg tcggtctccg ttgagttttc agtatagttt ttggccgagc tcttggctgt 60  
tttcgctcgtt gtcggactga caaaaataac tcaaaaatgt cattcgccca tcgaatttta 120  
acaaacgagc agcggagaaa agagcgtcgt cgccccagaa agaggggcta aaaataaggc 180  
ggcacattgg cactttttta ctcgtagttt gctgttggcg cagtttggtg cttctcctgc 240  
atcggttctt gcttcttcag ctctgatga tgataataat aatgaatgcc gatgcttttt 300  
atatagatag attgcataga tatatctctt ccggtgggca cccccccgc tatgctatat 360  
atacatcccc ttt 373

<210> 573  
<211> 1306  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 573  
gaattcttcg tcccccttga gatttttgcc attctaagcg aaacgcacta gaaaaacggt 60  
cgctgtaagc ctctgcctgt tcgtcttctt cttccctgct ctactcttct ttcttttagca 120  
cttcgagtgt tttcgaaacg caaaaagaaa caaaaatatt ttcgacgaaa atcggaacgc 180  
aacactgcc aactcagtcga cgacgagtcg tcgctgttgt tgcggttgtt gttgccgcca 240  
tcattttattt tttcgtcgtt tctttttttt cctgctacgt actacaaaat taaactcgaa 300  
cgaaccagcg aacgaacgaa cgaacgttcg cttggctccg tgcttttgga acggcaaaag 360  
ttgcgatatt acgtccctcg ctatcaacag cacagcgatg gcagctctta ccctgtacag 420  
tgcatatata cgaacaagcg attttaatac atgaaatttt actgtgcagt atacacacac 480  
acgcatacga acacatgcct acatacatat acagcacact gggtccatca tcattattta 540

ccagcattcg ctttgttggt ttgccctcgc tcgctctctt cttcttctct ttgccttctt	600
tctctctcgt gtcattctccc ttaccacctc tgcgttgacg cgccccatac tttattttta	660
actgtgcgac tgtacttcgt gtgtcggtcg ttcggctcgt tcgcttgtag atgtttttac	720
atatatacga acggagcgtc tgtatgtatg cggtgagtcg agtcagcaac attggatggt	780
agctgtggat gtacatacat acatacatat gtaggcattg gatgtggact ggagtctttg	840
ttggttgggg ctgtatgtac ttacatacat atataccac agtttttttc atggtatttt	900
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gattagcgca cttgacgcaa tgctctggct ctttggtctt gtctcgtcta ctcgttctct	1140
tgtcttatca gctggctcgc gtgataagag ccgtacggca aaaatttttg catgcagatc	1200
gatgatcatc ggctatctgc ccagtggaga agcagctatt gcgttcggga aaccatcagc	1260
tggggatcct atttcgcctt ttattccaat gttcaaagac cttgat	1306

<210> 574  
 <211> 603  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 574	
aaagcaggac ctttgaggaa ttggtgagtg ttttcataat taatcaatta gcttttcaaa	60
gttatcgttt aatgcctttt gatcggcatt taagtcttgc gtaagtgtgc gtctgctgcg	120
gcattttccg tctcagtcgt tcgctcgctt ttgtgacgtc atcgtgtcag ggaataaaga	180
aaaagttgca catcaaaatt caagttgtta atttaaaaaa cattacaact aaagacatca	240
atcattctga ctgttaaatt aacaaataag taagcaacta tttaattaaa aaggcagcaa	300
aaaattgcaa aaattcgtaa aagactaaag tggaaagcaa aaattctaaa accctcgtaa	360
aaattgtaaa ttttgaaaaa tcttaatttt ttaaacaaat gctttgtaat ttagttttta	420
caattagctg caaccagccg acattttggt ttctcacaca tacacatgcc atgcgcacag	480
acacatgcaa gcaaccacca ctttgccctg acttgtgctg gagggaaacga gacaagcata	540
cgttgttgaa gctatcgcac cgtttatcgc ccaatcgata ggaatacgtt aaattttgat	600
ttt	603

<210> 575  
 <211> 392  
 <212> DNA

<213> Drosophila melanogaster

<400> 575

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ggcgggaccga ccaaccgacc gcttttagtt cgattccaac tgccggcaga gtcggatgct      60
cagccacgtg acttttgaat ttcgatcagt taatttcttc agtgaattgg gaattgtgtc      120
ttgtgtatgg tgtgcattca ctaattaaaa ccttttagtcg aaaaagcaaa taactcgaga      180
agtggccccgt cgatcagagt gaaatattat ttaaaccggtt ggcagccacg ggggaattat      240
tagtaatttt taagacgca aaacataatt agtttcaaac aaaagacaaa gaaaactgga      300
ttttcggaca gcacacgaaa atatttccga gctatccggc tataaatatg catgagcggg      360
caatttatgg tcaaaaccaa acaataaaat ta                                     392
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<210> 576

<211> 375

<212> DNA

<213> Drosophila melanogaster

<400> 576

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gtatgaggta gttacaataa cgattctaac agggtcgctc gctttaccaa aagcgttcag      60
ctgacctcct cgaaccaagt atgtaggat gtatgtatgg gaacatatat atatacatat      120
atacgttata tgtatacgaa aaacgaagta ggggaaagcc tcaaactcga atacaaaaaa      180
ccttgtaggc gaatttttgt gcgataatat aatgcaataa atatttaata tttaatgtga      240
agattgcttt attactctta caaaatctaa caatttttaa caatcattat ccaatccact      300
aaaaatcctt atcccccttct caaaaaataa ccaaaacgtc tccaatttat tcgaattaag      360
ggtccaattt ttgga                                     375
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<210> 577

<211> 322

<212> DNA

<213> Drosophila melanogaster

<400> 577

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gattcgccat tcgcctgctc tctcgcttcg tgtgtcgccc caccaaatac tatataacta      60
taactataac atacaaaaaa aaaaagcaaa gaaaaatcaa atcaaatact actactcgaa      120
acaacaaaat cgagcacaca ctcgaaaatt atatacaaat cgtaaggcaa ctaaaatc      180
aagcaaacgg catgtggcaa caaagagatt tgtgcaaatg aaaaattttt aagcaccaaa      240
aaagtgtgag caatttttta cgcaagccag gaaggaatcc gtatatttta taatcaattc      300
aatcaaadc aaaatacata aa                                     322
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<210> 578

<211> 262

<212> DNA

<213> *Drosophila melanogaster*

<400> 578

gtgtgtataa ttgattctga tggcggttct tgggectctt cctctctctc tcactcttct	60
ttagttcttc tgcattcttg gtcgccctcc cacttactca acttaattgc ttctgtggca	120
ggagcaaacg agagggggga tggcgacttc gcgactcggc tgcgctatct ttactctctc	180
ccactccac tttggcttgc atcttccct gcatttgtat gcaactggctc tgcattttcc	240
aggggcggat ctggaggcta gt	262

<210> 579

<211> 783

<212> DNA

<213> *Drosophila melanogaster*

<400> 579

cactggctca ggtgaatgat gccacggtga acttggtcat cggttcacta gttcgcgcg	60
cgagtgttat tgtttgtttt gccgtcgctc tgcatttcg tctttgttaa tttcctcaaa	120
aagtatactg cgtcttgtgt tcttcgtggc atagggttagt caaaaacata attaagtc	180
gttgtgtgaa caattcaccg tgaaatttga ccagcaatta tattcccatg tgctatgcaa	240
tagcaacaag tggtgtataa tacgcttttt atcgggtcta cagtcattac tagttaactt	300
tggtgtgtat ttacattcta cgagcattta ttaaggcaca ttgataaga tataaaciaa	360
ttcaatcgta actcctctga aggttgtgtt tactgaactc gcgctgtctc taacactgat	420
caattggact agttgatttc aaaaaccatg agaactttac aaaatctgaa aaaaaaaaa	480
aaaataaaat aattccaaac ttaaataatta tattaaatct aggttttatt aactatatgt	540
acggttctaa attatatatg aacgaatcaa gccaccacca ttacacattt tgcaacacta	600
attgaccaga aaccagtggt aaaattgacg ctgctgatat aatttaaaag ttagttaag	660
gaaaaattaa atgttcttac tttgggtttt tcaacatata ttatcataaa cttgtagctt	720
aataatacaa aatgtagcta aatctttaac tcgttatccg tgatgttaag gaatgttgaa	780
ttc	783

<210> 580

<211> 316

<212> DNA

<213> *Drosophila melanogaster*

<400> 580

ctctacacct ctgagctcct ggggtgaggc actatctggt tccgtctcct ttgtggctat	60
ttttaagcc ttctttaggg caggggtgtgt gtgttcgagt gcgtgtgtgt gtgtgtgtgt	120
gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt	180

gtgtgtgtgt gtgtgtggtc tatcgctaataaacaatag ctctcacatt tctgtcaccg 240  
 ttttcttttgc actgtggcca taaaatgcct tcaattttctc aacttagatt cacattgtct 300  
 tattatctat ttgcat 316

<210> 581  
 <211> 511  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 581  
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 gcgtactcac ttcagttggc atcggacgtt cgctcgtgcga gggatcgatc gcggttgtgg 120  
 gtagtgcgat atagtgaata catctcaaga tgccgaaaac agtggttagtt actcaccag 180  
 gaaaaccgat aaataacgag aaaagatttc gcttcgagct tctctatttc tgtgtgattc 240  
 ttctaattgg tgtgggttta gcagctggct atttcatgtg gatgatgtgt gagtcattaa 300  
 agcgaatcgt agattgaata caatttaata accaataacc aattgttaac ctggtttagc 360  
 ctactccaca cattcgcga aacaagggcc tacacatact cgatcgcagc gaaatggctg 420  
 ggggaaccac ccagtgggaa attaccgcac ctttaagcttc cccgtctccc aatattatca 480  
 ttcatcacac ggcaaccgaa aggatgcgac a 511

<210> 582  
 <211> 168  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 582  
 ctctgacttg ggctcatgaa tcgctttggg ccgtgattca tgcgtgtctc tgtcttcggg 60  
 tctcgggaatc tcacacaaca cagcgatcgt gcctctcttt ctggctgtgt tccaccgtct 120  
 cttacactct atttccgcct gggttcaaca agttgccata gccgtggt 168

<210> 583  
 <211> 490  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 583  
 gcctagatag cagggaaaac tagatagaga gtgatcttct cattacctgc atcgtgaatt 60  
 agcctcttta aacttcttgg gacgctttct gaatgaatat acgattagga aaatgtgctg 120  
 attattgggg catgtattag ttgaaaaccg atattgtcct ggataagact gttgttaaaa 180  
 atagatttac ttttaaattt gtttagttgt gaagatcaca aacataatcg ggcgagtga 240  
 taaaattaaa taccggaata atactcatga tcagtgcaga catatccaaa aattaacat 300

tatgttatac ttttcgatta catttattta tcttgcagat cctaaggata tgcttaaaaa	360
ttaaattgta aaaaccaaaa ttgtttttgt ttttccttat taataatcaa gttgacacaa	420
caaacttttag ggctaaaggg aagttacatt ctatttaaca aaattgaaaa atattgaatt	480
tttggcgcca	490

<210> 584  
 <211> 409  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 584	
ctctgctcgg taactgttcg tttgtacata caaacatttc acataaacat atataaatat	60
atgtttaata tatatttata ggcaagtgtg ttaataccaa agtatataaa ttgcatatat	120
cgccaaacca taactcccc cegtttctgc atttctcttt tttcttgcag tgtaaagcca	180
tttacatact tacattacat attaaattgt attttagttt taatccaata tggcagccat	240
tttgtatcaa accattcttt caacttcccc cgctccccct gccctgcgc tgctgccctg	300
tttttgggcc gccttttctt gagttcacct tcttaattca cctagatttt caaatatttt	360
tcggtgatgt taatttttcg ggccgctcgc cccttcgcgc tctctttct	409

<210> 585  
 <211> 705  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 585	
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cgaccacagc cgtccagaaa gagacggcca cattgtgaag tatagagagg gatgtatagc	120
acttggtaca gacttttctg ttgggcgggt tcttttctgc cgggttttcg cttttctggt	180
ttggcttatg attccgtcga gctgagttgg ccaaaagcat tttctgctcc ctgggactga	240
gtgactgact aaccgaccga gctagcaaac tgctgatctg gcaagaagat atccatattt	300
gtctttcaac atcagttggc ttatgtagat ttggaagtct aagaagtgat cgcaactcca	360
agctaaaagc gattgggtta ggcaataata tttgtaagtc gaatgtttag agatacgaga	420
agcaagttca aattctcatt ttagccagga aagtaatata aattttataa aagtgggaag	480
tctcttctat ctattctaata atttaaaata gaaaacaata ttttttaaat aatcagatgt	540
gtagatata aatataaata tagataagga tttatatatg tatatgtcat taaaaattga	600
tttogaatat ctcccacact ttccaccaa gactggccat ttcctttctc cttcctaact	660
ttttgaattg ctgcggcgat ctccatttcc atatttgact actta	705

<210> 586  
 <211> 424  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 586  
 gacctaacga cacatcacac aaatctctct ccgctcccca tactcaactc aaacgggcag 60  
 tgggtgctggt ctgctcactc tcgttttagct ggcatcgccg tctagttgag tgaaatcgcc 120  
 gctctcgctc gctcgcggtg gtggggcaag accttctgac gcgtttggct ggtttgccac 180  
 caccactgaa ccaccaccac cagtgcaccc agtataccca ccaccaccac cactgaactg 240  
 aaacagagtg gctgctctct cactcaacga agcacactca ctcaactcat caatccaact 300  
 agaaccggtt tgctcttatt agctcgctgt tgggcgcatac tgtagatac ttttaccgtt 360  
 aaggctcttt atcgccggac ttttcggttt cgggggtctc aacttttttg ccaatttggt 420  
 taaa 424

<210> 587  
 <211> 230  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 587  
 gtcaagcaca ttacgtaca tacacacaca attacgtggt ggtggctatt gagtacataa 60  
 tatatcattt ctatcttggt ttcgggtagt taggtaggta ggtggatgac aagtgcgtgt 120  
 gtcagagtga aagagggttt caccttgatg cctgatgccg ttacacacgg cgtatgggcg 180  
 atatattgat tatgagacgc gacttacgca tctctttcat tcgatctatt 230

<210> 588  
 <211> 480  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 588  
 gttttgagcc acgcgctaaa acgacaacgt gctttcggca aaagagcggc taagagagaa 60  
 actaagagag agagagagag agagagagag atctcaagct tggcttgacg ctacgtcatc 120  
 aaacaagttt ttacgattac ataaagtcgc gttccgctgt cagcaaactt gctctcgttt 180  
 cgagcttcgg gtttccactt ttcgttggtg tagcatcggg tttattgttt ttctttttgt 240  
 tattacttcg gtgaaactcg ctgccgactg cgctgccggc gtcgaagctg aaacgcctac 300  
 gcgcctgcgc acctagaaaa atatggattt ttattgcaac acctaaagca agcaccatat 360  
 ttaattggaa atcgatattt agagcaaata atccatattt aagttgatgg actggatttc 420  
 gattttttta tcttttgaga atgaagctaa tctataatct acatagcaca tgaattacct 480

<210> 589  
 <211> 294  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 589  
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 cttccgattg gacgtcgcaa atgcaattgg agagttctgt ctctgttctg atcagagttt 120  
 ccgctccggc cgcgtgtgct agtgtgtgtt tttgttgttg ccgtaaaca gtttagcaat 180  
 gcgtttcaaa tccgcgccga ttgtttcgtt tattgtcatg ctgatttaa ccgcttagag 240  
 ttgcggcagt acggaaaaat acacatataa ttcacaaaag ttatgccaaa ctaa 294

<210> 590  
 <211> 460  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 590  
 ggctgcacgg catacggctg ccggacgtct ggaatgaata ccaacttcac tcagttcctt 60  
 tctggctgcc gtcgaacgtt gtcgtcgttc ggttgaatcg aatcgaaaag cgcagctcgc 120  
 caaaaagcca ggccaaaatc tcaaagccac ggctcagtga aacagttatc agaaattttc 180  
 gaaaaatcgc gtaaaaagtt ttcgaaaaaa aaaataataa ttaaaaacat aagcaagcaa 240  
 ccgatttcaa gtggcaaaaa taacaaatta gaaaaaaaaa acgcaaaca aacacagcac 300  
 attttttggg ttaagtcca catagttcct gtttagcagca gcaacacaca ccaaccactt 360  
 ggattactat aaacaacagt attatcactt aaaactagca caaaaattgc aaaattttct 420  
 tcaacaaaat tcaatcgttt tttaaactac aacaaaactg 460

<210> 591  
 <211> 485  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 591  
 gcccgtcgt tttttttcgg ttcgttttcg ccgcagtcga aattcgtcgt cgtcgccgtc 60  
 gtttgccctg cattttgcac tttgcggctc gttcgaaatt tttatttttg atttaacgcg 120  
 agctaccgt ctatatatac cactatatat aatatccgtc tatatgtgct accatatcga 180  
 aatcggttct atttatcggc acacacaaat aatcacattc ggatggccaa cgtaatttga 240  
 catcggccaa taaataaact aataaagtac aaaaaaagggt gtacaagttt gaaaaacgct 300  
 gagctcatta tttctgccta attagcatac aaatcgtaga gagaggctct aagtcggctg 360  
 taaatgttaa taaacaaaat aaaaatatgt ttcttccatt gggaaaaatg agtggtgatt 420  
 gctaatcgtt aattccttag caatttatag tgcaataaac ataaatcgtg accagtgaca 480



<210> 592  
 <211> 300  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 592  
 gtatcgccctt ttaaagtgcc aaaaatggag agagaccgaa gagagagaga gagagagcga 60  
 gagagagaga gagatgatgt ggtcctcata atatggtcac atcctgcatt caagtggcga 120  
 gaaatgattt taaatatttg tggctcatgc attttaattg gcatttgcaa acgtgtgtgg 180  
 cctacaaatt gaagtacttt ctatacggat taaaataact attttgtgtc attgcgttgg 240  
 cgtgtaaatt aatttaaatt agcttcgctg gggattttat aatcaacatg aatcgaattc 300

<210> 593  
 <211> 184  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 593  
 cgctggatcg tatagtgggt agagatgggg aaaacatcga tgggtgctgag gggatcgata 60  
 tatcgattgc gtttttgact actgtcgatg attgcaggcg ttagtgcctt ttggccggtt 120  
 gtgctttcac cctctctagg tttaccgggt cgctgttaac cgttacaggc gctcttttta 180  
 tttt 184

<210> 594  
 <211> 866  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 594  
 ggtctggcga actgaaaaca gccaaaactt ttcgcctgcg ccgacgtcga cgtcggcagc 60  
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 tcggctgctc tctctgtttg ttatcagtgg cgtgcgctct tttatcaaatt tggaaagggg 180  
 attttggaga tcagacagat cgacctgcgt taaactttca gcataccgga atatattaga 240  
 atacaatacg tttataaggg aataattgaa atgattttga tagaagtacc aattctttca 300  
 tagaaagacc tttattttga ttgaaattcg acaagttcga ctttctatta gcttggttta 360  
 gtgtttttta acttacgaat cacatgagta cccaatattt attgtgcata tgtacaataa 420  
 aatacathtt ctgcaaata ctcaaccaag atttttcgtc tgggtggggg gggaaatata 480  
 aaaaagtaaa gagaagtgat ggatattttc agtctgtgat tcgattgatt aatttcttat 540  
 tctgtgctat acattttata cactaaaggc atgaggaaca gcttaaagcc tgaaagtttt 600

gcattttcaaa gaaaagtgtt tatgatgagg aatttttggtg gtttaatgtt cgttacatta 660  
 atgctcgtta catttttagtt agttccagcg aagtactaaa aaggaatact ttttgcaaaa 720  
 cgtgctaaat agtttctata agttgctttg tgtggttacc aagtgatttt tgcgattaag 780  
 ggttatctct taggttatgc atctgctgct tgcgggtgca actgacttta caatatagtc 840  
 tacagtcttg aaggctaata gaattc 866

<210> 595  
 <211> 352  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 595  
 gtattacact atcggaagat ggcgatgatt gcgcttcgct ccaactcgag cagcgctgat 60  
 agtcggattc caccgaacat ttacgctaa attaataaaa ttattataaa ttcatttctt 120  
 gttaaattga agaactctaa aaaatacttt tcagtttaat ttaaattaaa taacctatct 180  
 aaagaccaca atcaggcatg ttccggtaat agtaatatct tttcgattac gatttggcaa 240  
 aatctttcga cttcgttttt aggtgctcgg gttttcgctg aatttttgcg atcggaatgt 300  
 tttgtaaaca ggaaacagat gtctaagctg tattccagac aacggagcga cc 352

<210> 596  
 <211> 846  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 596  
 ggggttagtga gtgagagccg ccgaaaacaa ttaaactaaa tttttgtgat atttgaccgg 60  
 caagtgaaaa ctttcggctt gttgcttcgt tttctgactt ccatgcgctt tatcttcgct 120  
 atttgtttgt gctttccacc actgaaagtg tcatttaagt ggcattttca cagtcgctgc 180  
 gttttatttt acttctctcc cttttgctgc cgattgttta ctccacgcat acacaaacac 240  
 acgtctcttt tatctatttg ttgttaatct cttcgttgtc ttttcctgat tgctgattca 300  
 cctccatggt tctggtgctg tcacgtaaaa aatacattg aaaaaaagaa ttatatctat 360  
 tcaaggatgt aaaagcacta cggcacattt gctttatttt ataatagaca atataatatt 420  
 aaaatgacta aaccaataat gtgacgaatg tcaaaaagta gtgctatttt gctctgtgca 480  
 tataaattat cgttactcat cacttattaa atctgttggt tccccattc gtaatcaata 540  
 cacacagccg aatgcaatga cgcactcact cttaaataata aatatacgag ataaactttt 600  
 actttgtgcg aggttcgggt tcttatcatt tttgccact gtgcatttgc atttcgaatt 660  
 gcttttggtg cgcttttctc tgctattttt gtgttgtaa cgtaagccaa gcttacttct 720

ctccccgtct ctctctcttg ttttattctt agctaacggt tttctatttt cgatatcgat 780  
 tgttgccgtg cgttggtttc atgtctgtgt gccacaatcc ttatcaccac aaacaaaagc 840  
 gaattc 846

<210> 597  
 <211> 443  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 597  
 gtctggggca gcacaactag ttattttatt ctgctgacgg atgtggatca tctgccacaa 60  
 cctatcataa gtcggctgca aaggccccag atcggaata gtaaccacaa aagtattata 120  
 gtactacgga acctctacct cccctcgca ccccgctccg caattacttc atgcccttgg 180  
 accgctcttc ttcttcttcg cctagagggg gctcgtccag gggttttttt taatggaatg 240  
 cagttgcaag ctggtttctg gaacggctta gcaaggtgca aaacccact gagtgcgtct 300  
 ctcttgccct cttataacct tttataggg atcatggcaa tttaatgttt ttacgccaac 360  
 tacgataata gctttttatt agtcttagac taaattgggt tacccttgat atctaacata 420  
 gtttatcaat tccaatagtt cca 443

<210> 598  
 <211> 402  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 598  
 tttcggacta ttgagtgatt tccctctctt cggggaaatt cgagatggag agtaaagcga 60  
 aggaaaatgc aagggttggg gtagctggga aggccttttga tgggcgcggg tttgttggat 120  
 ggggttttatg gctacaccaa gacacttaat tgggaaaaag cttcaataaa atgttgcatt 180  
 aagccattgt agctacgaga tcttaagccg agcaattgta atttgagaca ttttatttca 240  
 attattttta tttggcattg atattacaat ttcgaaaaat tttaaactat gtatgaacac 300  
 tacggggaaa ttaagttata tatattccca tattgggaaa tataattagg ctttaggtta 360  
 ttatctttct tttatagtta aagactttgt taattagcaa ta 402

<210> 599  
 <211> 513  
 <212> DNA  
 <213> *Drosophila melanogaster*

<220>  
 <221> misc\_feature  
 <222> (1)..(513)  
 <223> n = ambiguous/unknown nucleotide

<400> 599  
 gtttgaagta aagttgagaa aataactaaga aaatctagat aagcagtgct ccaatatgaa 60  
 cagtaatcag taaattagtg aagaatgcga tatgaaatag tacagatata gtacgcgagt 120  
 atccactgta catggcgata aggcagtttt ttgaaaaccc cctccaaatt gaagttcaca 180  
 ttctttgttg ttactcgttt ttcggttca ccttcatttt gttttatcca aattgcgtct 240  
 taaaaatgat ggaaaaacat atctatgcat gtgctgggtg tgcgtgcgtg tgtgtgtgtg 300  
 ttngttnng taaacaaatg tgtgttgga tgggaaaaac aagagagggg agcaaagccg 360  
 gggcgccaa taaagccaga gtgcgaggcg caagcaaca caagcacacg cgggtgcagt 420  
 ggaaacacgt ttccgcttt ttgttggtg ttttcatgcc cttatcaccg gttatgcgaa 480  
 atgctgcgtt aaccgaaaaa cccaattacg aat 513

<210> 600  
 <211> 600  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 600  
 atcgaactaa tggggggatt caaaattata tagagctgta aaacaggagc cagctaataa 60  
 atcgggctagt atcaactcct tataaatagc ctctttacgc aatactattg aatacagaaa 120  
 aataagccat caaagtcagc attatttgca gtgtttgccg accacttccc cgataagcca 180  
 tacatataga gttacgtaac tggagatcgg cgactcgagt ggccgggctt tggctttata 240  
 tagctaatta actggacgat cgaccaggag cacttggtg caactcggca aaatactata 300  
 cttcagatgt gaaattgcta gatttctaga atcgatcaga ttttcccat tcataaactg 360  
 ggtctgcgac tgtggctaata cagcgcaata ctgattgatc gattggaagt gccattggac 420  
 aatttataga gcgatccata aatcataatc gactggtatt tattgtgcgc tattcgcaac 480  
 tactcgagcc cagcttttag ggtttccgtt ccagctggaa gatctttgtg gggacgcaag 540  
 gcttctggga aaccgagacc ccaagaaaaa gatcacatga tagaaccccc ccatatgatt 600

<210> 601  
 <211> 571  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 601  
 ctctgtggca ttatagagaa aacaaccccg agttacatac agcatcctcc cgactccgaa 60  
 ccttgagat cctggcacat cctgctcctt ggaaccttg ctacaagcac tgatttgtca 120  
 acttttgaat atgtcgaaagt gttgtcgtgt tgttttcggg ggtggctttt ctaatggcaa 180  
 ggtgacgggt ggttggggct atactttaca gtgggttctg ggttgggggt gtaagtggg 240

tggttggtgt	tggttggtga	aggttgtgtg	tgccaaagta	ctaaatacat	ttactgctcg	300
caccaatctc	attgttggtg	ccgtaagtgt	tgtggaaaagt	ttttgtgttg	ctgccgttgt	360
tgtttggtct	tttggtgaa	ttgaaaatgt	tccgttaaca	gtaaattttg	cactttttata	420
ccgctggggc	aaaaggaaaa	agaagccctg	ccccttgata	ctgccacca	agtttgttgt	480
tgtgtgtgaa	tgtgttggtg	gggtgggaaa	atgccgtgtg	tgtgtgtgtg	tgtgaaatag	540
gcgcccctcg	ccccacaaac	caaaacaaaa	t			571

<210> 602  
 <211> 475  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 602	
gtgtggagcc	aagaatacaa aaggagagag cccggagaga ggtgtaagta gtgtgcgctc 60
cgcgaagagg	cgcacaaaaa ggaagtaact aaaaataaca aacatctcgt ttgggtttgt 120
aaggtggaat	gaactcagaa cccgcgatgg agaagatgcc gaaaaggaga cgccgaggag 180
acaaaccaga	caccagaga tccatgcccc aaaactgatt gaactacagt gatcacttgg 240
ttagaggcac	cctaatacatt aacacgcctg gcacacacga ttgaaaatga agtcaccact 300
ttaaaataac	atatatactc attttaaactc tcccatttac cccaatgtgt tctaaatacc 360
tacagtctct	gttaatacat gtttaccata aatcccgcga gattctcgga attaaagtgc 420
tttgccaata	tttttttgaa ccatttaaaa agatattaac ccaactgtta tgggc 475

<210> 603  
 <211> 371  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 603	
ggcaagggcc	ttctccactt tttggatgac gaaatctaag accggctttc ataagcgtgg 60
caaactctat	atacttttta gacttgccgg aaatgcgaaa ctttaaagtt ggagctgcgg 120
gtagaagcgg	taagatcctt gcacgaaatt gataaacagc attgcatcag caattaggtt 180
tccgtgttgt	ttaagttctg ggaatcgaac aagataacca caatatttac ttatttatcc 240
aactttttgc	tctctctcac gttgttcaat aataatctcc acccgctcaa cagcaggtaa 300
atacgtccaa	agttctacaa ctttctactg atgaaattca ctttaacacg gaaaccggta 360
tgtttttgct	a 371

<210> 604  
 <211> 488  
 <212> DNA

<213> Drosophila melanogaster

<400> 604

aaccagacca ttgcctatcc gcgctcattc accgactgct tcatcatgtg cattggcatt	60
ggcttggctg ccagatttca ccagctctat agaagaatcg ctgctgttca taggaaagta	120
atgcccgcgg tcttttggac agagggttcgg gagcactatc tggcattgaa gcgtctgggt	180
catctcctgg atgcggcaat agctccactg gtactcctgg cctttggcaa taacatgtcc	240
ttcatttget ttcaattgtt caacagcttt aagtgagttg agaaatgact tctttacaca	300
gcttagatat attatgtata tttttttttt agaaatatag gtgttggact ttctgggtgat	360
gtttggcttt ttgggtactcc ttaggattcg ctgtagttcg cactttactc actattttcg	420
tggtttcttc cataaacgaa tacaacgaaa gatgtcacag ccctgcggga tgtgcctcca	480
gagcttgg	488

<210> 605

<211> 500

<212> DNA

<213> Drosophila melanogaster

<400> 605

atctgtacaa tcaatttcat gaaggtacaa tcgatatttt ttataaatcg attattataa	60
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gtttaataaa taaaatgtat ttttaatcgt taatttttta ccaaggaaag ttttttaatt	180
taatttttct gtttacgata cgcactctaa tttgcagcat ttttgactaa aaaaaactta	240
aaaccttatt tcatagtgac aaaatgattc atcgagtat ctgtaatctg tatctttctt	300
ttcacttctt gagattaacc attattaata atcacataat ataaaccact ttttaattcaa	360
gtaagttgtc agttcctgca cccgaattt taaatgttaa cgcataagcc cggggcatta	420
aaaacaggtt tggcagggct tgcgccgttc cattgcaaaa aaaattcccc gccacagagt	480
ttttccgcta ccaattaact	500

<210> 606

<211> 387

<212> DNA

<213> Drosophila melanogaster

<400> 606

gcccacatag tgtgttgctt gtgaatccag ttttcttttg cgacatcgtt tataaagaaa	60
tcccaaagcg gcgaggtaaa aaacagaaac atcaaagca gagtaacaat tgggggtgatg	120
attcatttca tccgaaactc aaatcgtttt cgagacttat caaagcacgt taaaattgat	180
ctaaatgggt atacaaattt cacacatata tttttgttta gaaaactgca tttaaaactg	240

gtaaagttagc agcatatttg tttctctgtg tggagcgcg taggtgcgag ataaggtgat 300  
 tcgaaagcac gttcaccact cgcacggggg ctgttttttc ttccagcaac ctctagaaga 360  
 aatcccacct agaataatac tagtttt 387

<210> 607  
 <211> 322  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 607  
 ccgcagccca caggcaacac ctccgggtggg ggtccactaa gtgcctggcg tggagtaatg 60  
 gaacatgggc tgggttctcc gtttgccgcc ggatggcatt tggagatcag ctcttcgggtg 120  
 ctccggcggtt tcgcccactt cgaccattt cgctggcccg atcggccgat ggcttggcat 180  
 gaattagcac cttttttgga ctttcttttt gtccgggtctt gacgcatttt taatgaattt 240  
 accatggcca aataactttt actaggctgc gtgtctacgg gttattcgaa tccaactcac 300  
 ttctaaggcc ctgccacttt ga 322

<210> 608  
 <211> 590  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 608  
 ggccaggcca aaaatacagt ggtcgtcgag taaataagcc accgattcag aatttccatt 60  
 tgtcaataaa gccagcaac aacaaccag tatagcccat atatcactgg gtctggaaca 120  
 tacataaata tttttatata gtttatggat cccccagctc agctgtgtgg aggtgtaaga 180  
 aacaaaaagg cgaaacgca aataaaaaac agtaaccaat ttcgcaaaaa gctcgccaag 240  
 ctgacagaac ggcaaaattg gaagagagta aagagcgaaa cgctgacgtc gagcagcttg 300  
 ttttaacttt tgtttaaaat ttaaattgct aatgaattga tgatgtcttc tggttctaag 360  
 aacatactaa gggggaaaaa gacgtgttat agggatatgg caatagaggg gagcaactta 420  
 taattaagag cttagcttgg cagtaaagcc ccacatgaag aaaaaatttc ttaaaaagtg 480  
 taactttttt ttttaaatac aagaaacagt ttatcttacg cttacttgaa ataaatctaa 540  
 atttttgaac tttttttgac tcctttacaa tgagaaacat gactaccctt 590

<210> 609  
 <211> 416  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 609  
 ggtaaagggtg tgcgactttg tctttgctc tctctctcgc acaccgctc ttctgtatgg 60

ctgtgtatgt gtgtgtgtgc tgcagcaggc gggctttttg tttttttttt tcgcgacctg 120  
 ttgttgctcg cttgataatg gcaggctttg ttgttgctgc tgctgctgtc gctatcagct 180  
 gttttattgc atgttggtgt tgttggtggc gccaccgatg tgcgacgtgg tggttgctgcg 240  
 gctggggttag ttgttgcccc tatagagagc acaccaacaa aagttacagt tgtttgtaaa 300  
 ttgttgctta ttggtataaa tgttggtgta attatcacta ttgttgcggt tacttctact 360  
 aaagttgctc ttgttgaaag ttctcgtcgg tgtaccgttt ggcgttggtg taacta 416

<210> 610  
 <211> 504  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 610  
 gcccacgctc tcccacagtt accaaccgtc atccacctcc ctcttttcct ctctctctct 60  
 ctctatgtca tttatgagag ccaggccgaa cgaagagccg aagtttctgc tgccaaggca 120  
 aaagctaaag ccgcacttaa acaagaatgg ataataaaat gggttaaaaat tctgataaaa 180  
 attgatcagg tagaaatatt ctaagttata tgaaacttgt tcataaattt aggacattat 240  
 gcaaacgctt ttttttagtt catgaataat tggtttagca aaagtttttg ttgagtgtaa 300  
 tgccggatth ctagtctgt cgtggtcgct gcttttgctg ctgcctctgc ttctgtcgt 360  
 gcctctgctg gcggaaaact cctgggtccaa aggcagccaa aacaaccgtc gacggatgac 420  
 gacttttccg actaacaacg gacgcgcatt ttcccaccgt ttcgaggcaa gagcgcattg 480  
 aaatttgctc gacgccagcg caag 504

<210> 611  
 <211> 879  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 611  
 gccggagcgt tctgtttttt ttaacagata ggtaaacagt gtgaccgaag ctggaccggt 60  
 aaggaaacga catcaaagat gggctaagcg cgttttcaaa gtataccgca taaaatattt 120  
 ttagagggga aacattttga acatttaaac attttactac attagaatgc ataaattgat 180  
 tgaattaaaa tacggagact ggtgttttta atctgcataa ttttgtagtt gtagctagt 240  
 caacaagggt tctatcagtt ccaggaaaac gctttgttta caagcaaagt gctgattttt 300  
 atgttgatgg tcttaccctt ttgttgtaaa aaattccggt gctaaaatcg gattaaaagc 360  
 gcatgaagtt attcgtaagt agttgaaaat cgcactagag atgaatccta atgtttatag 420  
 ttttcagaac tatgggtctg cgaacgtaga tcaacgcccc gtgaaggacg aaccacttca 480  
 agaagacact ttcgaagaag aattaatctt catttctaac agcgacttcg aagagcttga 540



aagcgaaata aagattgaga acttctgtag ttatggcaaa gatttggagc cagttaaagg	600
cgtcccgctc aagctgaaga cgtgtaaatc caaaatagca aagaagcgcc ccttgcgaaa	660
gcaaacagat acgtttaagt gtaccaatg ccaaagacg tttacaagaa aggaaaacct	720
cgaatcacac ttgcgacttc acgcagaaga acgtccgttc gagtggtccc actgctccaa	780
gagctttgga cgcaggacgc attacaagcg acacttgctc aaacacgaaa agcgacctca	840
taagtgttcc cactgctcaa aaacctttac ccagaattc	879

<210> 612  
 <211> 443  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 612	
gatcaccgtt atgagcaagt gagagagcgt aaggccagtc acggacgtgt gcgagcggag	60
cggagcattg atttgctgtc ttgtattttg cttatgacct gaggtgctct cttacatata	120
tataaacgcc atcatccagg cagacagtag gcgagtgtaa gcgagagaga aagagcatgc	180
gacacacata cgcacacaca ttgacacctg gcgcaggagt cgcggcttgc ggcactttca	240
aataaattaa aaaatagcaa caaaaccaac agggagagag gcgaatagag cagtaagcct	300
ttccccagct tctcgtctca gtagtaacat tagtaagagc aacaaaaaca gggacaagag	360
agcaaaaata catgcctacc ttaacccaat taaaatacca tattatttaa caaaagaaat	420
tgtgttattt gcaagcaacc cca	443

<210> 613  
 <211> 231  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 613	
ctgctgccga ttctgagttc tcgattctca gttcgattct cagacgttgg cgaaccgaga	60
accggtgacg tagtacgttg ccgtccgcca ttattacaac gtcggctgcc acacgcaaaa	120
ttggacatac cagctaacca aaaataacca acgccaactg cagctcggat gcgaagtgtg	180
cttgccaaaa gtcaaacgat aacgaaaata acgcaggacc ataaaattcc c	231

<210> 614  
 <211> 473  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 614	
tgttggaacca acttaaaaca ccgcacaaat gattgccata aatttgatgg caacaaacag	60
cgacaacaac aaagtgtagc gctgccgccc gcactttctc cgcagttctc gccattttctc	120

cgtctacttt tctccgctcc tctctccact caataatgtg ccaactgttg agtttccttc 180  
cgcttccgaa tgcgagcgcg aaagagagag agcgagagcg agagaggggtg tgagacagag 240  
acggggcgag cgggagtatg tgggcgttg ggcgcaaagg gttgagggaa gttgagaacg 300  
atacggccac tcgctcgctt gctcgctctc gctctctctc tctccctccc tccctctctc 360  
cctctcgctc tctcgccggc atcgaaggct gcttacaggt ttttatagta cttcggcttt 420  
gccgaccaca gccaaatttg ccggcgaatg gttggcttct gcgttggttc cgg 473

<210> 615  
<211> 188  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 615  
gtctagtcac tgtctgtctc acttgacaaa gtgcggtgtg gtgggggggtg cggtttgga 60  
tgataaaga gagatccgca tactcttggt gtagttgttg ttgttggtgc tttgccggct 120  
ggcttgcaat taacgtgac gtcgacttcc acacaccct taacccttgt gtgccggcga 180  
atgcagtt 188

<210> 616  
<211> 439  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 616  
tgcgatagta tccgactctc tcccgaaaag cgtgctctta gtgaaacttt cacgctcttt 60  
ggggtttcga gaagtgaatg taagttgatt gtcgtaagcc ggctttgacg tcgttttgag 120  
accggagatc ggagaccagg ggcccagat ttgagatttg agaccggag ccgcatagga 180  
aaggaaaaca agtttcttcc gacgctatgg gctgcgtcga cgtcagcgtt gcggcaacat 240  
ttgttaacct gttttttatt atagattttg tgttggtgct gcgagtattt gatttgcccc 300  
gaatgcacga tggaatagga cgggggggtg taccgcgtc tgcaaccaga cccgactttg 360  
gctgctgccg cttggtaaca ttcgctccgt tgatctgtc aacttgacca agttatttga 420  
actatgcaca tgttgcaga 439

<210> 617  
<211> 144  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 617  
tgtggtaaga gagtatgagc gtcgaacaga aagacaattt aagagagcgc agatcgact 60  
tatgagtaca gtcgtgggca agaaaaagt aaacaacatc cgaacagtcg gaatctcaga 120

tagtgctcag acacctaagt atac

144

<210> 618  
<211> 410  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 618  
gtctgggact ggttgtttat gctggtgtta ttttcattgc aaacaaatga tgaggaacac 60  
gcaaacgcac tcagacggtc cttcgtctgc tgggccacag gaaaagaggc cccgggggtct 120  
caaattgaaa tcacaatgag ttgaggactt ctgaagtccg actggcaggc acataaattt 180  
catcgcagag cgaaattcga gcaaaattat tggatgattt ttatgggtcac ttaaagtggg 240  
tttttatgtg gcccaggagg cagtgagcag tgcacataaa aataaatgga aaagcgcaag 300  
aacattctgc ctgctcgtga ttaaaaatat attttgaaat tctgctaaaa tcgattgcat 360  
ctcaattttt gccgttcgct ctctcattt taatttcatg ttaagaattc 410

<210> 619  
<211> 531  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 619  
ggcggacgga ggcggtgacg cgactgagat gcgccgataa tcgcgctacg cgtgcgtagg 60  
cccggcagag gcggtaacgg tggcagaagc ggcggcagag gcagcgacag agcgccagcg 120  
actggctgga atatttcatt ttcacgacta gcagtaaaac ctaccctacc tgtgaacagc 180  
tattccaaac attaattcct attttcaact gttattttaag tgaaatatat ggcatatgca 240  
agcgcatttt gatgttttta agtgtaaatt ttattgcgaa taattttttg ttgctttttt 300  
tcatctaaca atcaatgtgg aggcaatctg tatagttcga taacttactt taataaaaagg 360  
tatacacgga atttgaagca attttataaa ttaaagcaaa atcacatttt tatgttttaga 420  
taatgaaaag gtattttact gatctgagtg aacattatt aatattattc aatatcaact 480  
aagttttcac tgtattacca tttgtcacia aatttcatta cactttgcta a 531

<210> 620  
<211> 583  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 620  
cgttggacgc actcgctgcg ccaccgggcg gtacgcacct ggcttttagat catcaccgga 60  
actgggttgt ctagtttcca ttattcattg cgaattgcag ctccgattat gacaaaattg 120  
cagttgcttt cttctaaaat tcttttcgca gcttcttctt cccgtgtgac actcgattgc 180

cattcccacc gaatgaaatg cctttgcgta tcgatatgtg gtggcggggc tcacaagatg	240
gggtatcgagt cttagccgaa ggagccaatt ttcgtatttg aatttgagat gatgcactga	300
aatgcttcgc aggattctac aatctaagat atttacttca aattgagaat tttaatcttc	360
agtcaaacat attcgtagcc attggtttgg aatttaagct tattatgaaa tttatatatta	420
gctatgttga ttaaataaac tgtttgcaat tattcgcttt taattttcga atgttattta	480
atagctacta caccaattct tgataactag acttatgaat taatgaataa caagttgaaa	540
tctttttata tttttaaatt gtccatgggtg ttgaatattt tga	583

<210> 621  
 <211> 462  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 621	
gtgtgcactt ttaagattct acacagtttt cacataatta tggttaacggt gactacacag	60
tacaagaaaa acaccacac gtacatttat gttacaatcg tacacgaata cgcttagaaa	120
atcgcacaaat gaagtttcat gctctcactc tcacatacta tttttttctt agcgatttgg	180
agacctgtct tttggcttta tttatgccta tttgttgttt ttctgcagcc cagctgctga	240
ttacatttcc gatttctagt cattcttgtg gacaattatc aaaatagaac cttgcaagcc	300
tttgtaaaca aacaaaattg tggttctacg ctttttaatg attcattttc gatttaacag	360
cctggcaatg acaagattta acagcagtag ggtaccgaag ggataaagcg acgtcagatg	420
ttgggaaact aactgaaatg gaatttctta ttgcttacat tt	462

<210> 622  
 <211> 145  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 622	
gttcgaattg acagtgggtg ttggtgaact agatcgcgga ctccaagtgc gggaactttt	60
tagtgtgtaa gcttgccagt aatgaattga agtatttaac aactttattt tgaatgaagg	120
gtttgaacat aaaaaatatc ttcgg	145

<210> 623  
 <211> 518  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 623	
ggctggcgat tggtgtcgct gctaactggg atactggaat aaatcataat gcattttacgc	60
accgttgctc ctcaattttc gagtctgtgt gcatgtgtgc atgtgggtgt tgtgtgtg	120

tggtgtgtgt aacctttggc aaaggaaaaa tcaatagcaa cagacgtaga catttgtttg	180
ccgctgttta tgtgcagccc tcgcattgtc cttcgccccc aaaacaaaga gccacccttg	240
cagagatggc caaatcccaa aaaagaaaca agtgaatggt ggtctgcata cagactataa	300
ataaaagcaa aagttatcgc aaaaggcaag cagcaaaagg caaaccagat gaacggccaa	360
taactcgtca gcatgctggg tctgggtcgt tgccctctttt ttttccgatt ctgattccgt	420
ttcttcctgc tgctctggct ccccgagaga aaaagctgct ccagaaattt gtctcaccca	480
tctgctaccg gcattccaat ccgccatttc cattgccc	518

<210> 624  
 <211> 249  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 624	
gtctgtcgtc tgtcgtaatt tttttttttt tattgctttt gttcctttgc cttacgtttt	60
agtttcattt ttggcttggc caaaccttga accgtacacg ctcagtttat tggccgcttt	120
tttactacga ataccgttca ttcgcttcgc ttggcttcga ctgactttcc gatgatgacg	180
ccggcgaacg ttgattatga agatcatcat cgccgttctg tgggttattc gagggtaggt	240
atatatttt	249

<210> 625  
 <211> 534  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 625	
gtgggcactg ggtactgagt gctcggtctt gggttctctg ggccactctg ctctggcaca	60
ctgagcaccg agctggcagt tgggtagaaa tcagagtgcg ccagcagcgc gaccgagatg	120
accactttt cggtattcgc actgagacct aactgctact acccacagaa agtggacaac	180
taggcggagt ttttttctat atagtagcag tgaaacgacg gcgtttttctg gatataattat	240
gtacagccta cgtagcctag tgtaaactat atgcatttat gttgaatttc ccagcgcaaa	300
cgtggaagag gaaaacaggc gacctgaaaa agcagcagca gcagcaagca agaagcagaa	360
gcacaagcag caaaaaaggt tcgcaaccg ttcaaaagcc cccgaaatac caaatattac	420
caaaagttac cccaaaagaa aaggataaat cctgttgctt cccaaaaacg aaaaccgcag	480
ttttaagcca aaagtgtcca aatccctggg taaatactta ttttgcccag ctga	534

<210> 626  
 <211> 557  
 <212> DNA

<213> Drosophila melanogaster

<400> 626

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gggtcaataa atataccatt tactcgttga gtgaatcggt attcccgtta ctcgtagcgt      60
aagcgggtat actaaccgac agacttttga atgactaacc gaaacaaaga ggttttcgaa      120
cgtatctgca tcctagtata atcggtgacg agtgagtctt cttgccgaaa atatctcatt      180
tgtagcgctt gcattccata ttgccggtgt gaaacctatc acccaattct gctctggttt      240
cgttgcattt ggtgagggca tgaataaaat aatttgtttt taagtgcgc ttagaagcat      300
tcctcgctaa attgcgcaat tgtctgagcg tcccaaatta gaaaatgcat gataagctgc      360
cttcagacat agtaatttaa tagcacacat gccacatgt tgagatctca aggcgtagat      420
taaattttcc gaccggacag ccgcagcctg gttctgcgtg agttcaacaa tctctaaatg      480
gtcgttgcaa tgtaatgtgc tgcaggcact gcgaatcggt cctttccctg gcgcaagcac      540
atTTTTTTga atgactt                                     557
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<210> 627

<211> 397

<212> DNA

<213> Drosophila melanogaster

<400> 627

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ggttggagca tcaaaattga ttttaatgat gccttcgttt cggatcgctt atcggacatg      60
taccgaacat cattccaaaa tcataaatct tgctatcatt tcgttttggt gccaccacct      120
ggaagggagt gagctggggt ggttttggcc aacaattttt catttctccg gccaaagacat      180
gtgcatgtat gtatgtccgg agtatttgga ttcgggtgag caatgagtga cgaaagatgc      240
cctgtcgagg tcaccagctg tgcgtgtact ttccacggcc acagttttgg agtgtcgaag      300
cactgttttc atattaggtg gggccttctt catgtggcag gtgcagcagg tgctcgctg      360
cctttcacta aacaaaagcc gaagagccaa ctgagtt                                     397
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<210> 628

<211> 408

<212> DNA

<213> Drosophila melanogaster

<400> 628

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gcgtggccga tgtattttac gatgtttttt tcgtaacgat taaatatgga acttctgggt      60
aattacagct aatcttcaat caatatattt cattgtgtaa tttaccaatg gaataaaacg      120
atgtcgctt ctcacctcca tcctcgttct ttggcggatg cttcgactat gagctactaa      180
tttcctcgga tgaggcaacc gcaaattggaa gagegtctctg ttgcacatgc attaaccatg      240
gcatcacgac attatgctaa cttacacaca cactcagtgc tgcaccgcat acgagaatgt      300
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ccatacatat gtacatacat actatgcaca tatacaggca cagggagctc atcaagtctt 360

ccggtttgtc gaggatgttc acattgttta tgctccggaa taaatgaa 408

<210> 629

<211> 566

<212> DNA

<213> *Drosophila melanogaster*

<400> 629

gtctgttgcg tcatcgatgt ctgtcccttg agctctcttt gtttagcact tctctctctc 60

tggttttttaa ttttttttaa tttttgccgg caaaccgta actgtcacia caggcgacgc 120

caagaaaaat gatggggcag cgggggctgc ggtgggtgat ttgcaaaact attgggttgg 180

gggatagtgg gtggtgttgg ggggtgctagt ttgccagtgg gcgtcattta tcgtatgatg 240

cgcatttccg gcgccactca acagactaca gccatataaa caccaagcaa acatcaataa 300

tcacaacaga tacggtcgat tttctgttac ttaaactaaa ttacatatat acaattttgt 360

aaaattactt aaacattgtt tattacacia taaaatagaa aaataatgtt tataaaacct 420

tactcaaata acttaciaat ttataaccaa atttccataa caaaatacac aatagattaa 480

actgtaaaaa tataatttga ataattctca aacatttcat tacaagaatt tttaatttta 540

taatccttaa acaggttttg aaacta 566

<210> 630

<211> 570

<212> DNA

<213> *Drosophila melanogaster*

<400> 630

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agcgacgtta cgcctgcggg gtattttgtg gtccctgatt tctatgctcc ttgatcagcc 120

agccgaaggg tatgatgttc cagaagagca cttagtttca tatctttgta caatatataa 180

tatgattata gttaaagtga acaaattaaa aaaatatatt tgtggagaat gtggaaatgc 240

cgaaatcaaa atatattcca ttataaaaaa atacaataaa tatcacagct gtatttgacc 300

aaaagagcaa aactaaaagc ttatttttcc agttttcgcc atttttattg accttgattt 360

cgactaataa ctttagcatg caaaaataat aaataattac aataataatt aacaataatt 420

acaatttttag ttattaaaat tgtgcaattt aagtttatta gttaaaaacc tctctcgaat 480

gatgttcttt tgctttctaa atactgttga taagctataa ataatgttga atagctatta 540

ataatgtcgt ggctatatta aattatataa 570

<210> 631

<211> 579

<212> DNA  
 <213> *Drosophila melanogaster*

<400> 631  
 actccaactc acccggtttcg cagttctgtc ggagattgga tcgaatcaga taatatagtg 60  
 ttagagatgg tctaagaagg tctaagagag agcgaaagag agcgctgggc ggcactcaag 120  
 aatcgcgatga tcgagatttt gttggtaatt tatgggccga acctggtgga atttgcaagt 180  
 cagatttata aagcaaacad gcctgaagtt gattaaaggt tttgaatcta catttctatc 240  
 ttcgaatgcc atttaaagca gatgactctg ttcattctatt gtctggcttt ctaatgtgtt 300  
 ttacaaacag cggatataca aaatttaaga gagcttcctt tacacatttc tcttgagctc 360  
 tctttgccac atttatattg tttatgaaat gttatcggag gtcggcgggc gacgaacaag 420  
 aagccagacg cccagttcac agaaatgttg ttttatatat cccgaaaaat agaatcacgt 480  
 tcacctattc ctgataacat cgccagatcg ttcaccaggg cgttttgaat aatgaacgct 540  
 tgcgacacct gagattacc tactattact aggcctaatt 579

<210> 632  
 <211> 511  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 632  
 cccgagtgtg agggaagaga gatttttaaaa ttcgacacac tatccgaaaa aagaggagga 60  
 tatggacaaa tggatgtgca tatctcggag atacaatctc gccgctggaa ataccctaac 120  
 ggacaaggga cttgtccgtt atttcattga gacagcccag aaagtgtccc taagtccttc 180  
 cgtccgatcg tccttttctt attttcccaa cctgtaggta gttgagcaaa gtaacgtatt 240  
 tttcgggtac taggcattgc gatggaatgg gatgggatcg gactctcaag gttagtcaat 300  
 atgcattaat gccgcatttc gggaaatctc ggcaggctct tttcagctcc ttccgatcgc 360  
 atttgtttgt cattgttgtt ctttcccggt tcgaaggacc tgctctgttg aagccttgaa 420  
 aaattttcca ccccgggaga agcacgttca gatagggatc ttccgaattt tgggtttttg 480  
 gctcgggtta cgcattttac tggaattcgt c 511

<210> 633  
 <211> 505  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 633  
 accgggtcca cgagaagggtg tgtccgctcg ttcggctcgt tgggctgcag atggaacgca 60  
 ttgtgtattc gtctgttgac ggggaaaggg gaatgtgcgg attacctgcg cacctggatc 120  
 ttcgggtgcat tgccagcagt tgcagatcga ggctaggtag ctccaaacag agtgacata 180



ctccattcta aatgcaattg ttcaattggt ctttattttt tatgcaagtt tttctagga 240  
 tggaattgta catattcgat aagatcagtg ctaccagact gcttaaaaca gctgtataca 300  
 tacttggtat cgattaggcg ctaaatatta caattttaat cggacattaa attcatgggt 360  
 tttcataagg gaatactagt ttattactta ctgttctagc gttatccttg gtttatttat 420  
 tatgaaatac tttttattgg gaattaagtt gatttaaatt atactttatt aaatttgtat 480  
 attcttattg gaaatcggca taatt 505

<210> 634  
 <211> 262  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 634  
 ccatgggtag tttgaagtac tacgcggtaa aagccgaaaa tcggaaaatc cagagggcaa 60  
 gaacatacaa aactgcaagg caacgaacgc actaacacag cgacatccag acagacacgc 120  
 actcgcatgc acacacatcc acacccgaga ggtttgcagt tttggtatct cggatttcag 180  
 cagttgttac catcgttttg tagtaactac catgaccact gggaaagctt tcccctttcc 240  
 cccctgggccc ggggaaggag gt 262

<210> 635  
 <211> 210  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 635  
 tgccgaggggt aagccgaaga gccaggggtat gcgtgctcac tttccagagt tgtattaggg 60  
 ttgcagtagc tgccctgtga aagaggataa aatttgaatt ttaatgcaaa cagagaacgg 120  
 ataaataatg aaatcgtctt atttactttt ggcacccttt tgaagcgtcc ctttttatat 180  
 tttgcaccag ttttgcacat aaacagttat 210

<210> 636  
 <211> 317  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 636  
 gtcggaaccc aaaagatgct gccgcaagtg tgaccagatt cggaaatgta aaaaaacaga 60  
 accgtattac cgccaataat tataacgacg ttgttttagaa agaaaaataa aataattaat 120  
 taattaaata cgataattta tggaggtggt cgattttcaa gtcattcaac atttcttata 180  
 tgatcaacat gaactacagc ccgttcatta aatatgggta aaatataaac tccacattcc 240  
 ttttacaaca attactttgc atattttattg ataatttacc tactgaaaca caacactatc 300

taatcgtcct tcaagcc

317

<210> 637

<211> 170

<212> DNA

<213> *Drosophila melanogaster*

<400> 637

ggtataacct aagggaaatc cgactctgct tcagaactaa taacagatca agtcctaaca 60

taaaaacgat caaaaccgat tgattatctt tgcacactcc attataacat ggctcttttt 120

agacataaat atcgggtgact tcagaattag ctctgtattg gactttcata 170

<210> 638

<211> 433

<212> DNA

<213> *Drosophila melanogaster*

<400> 638

cgatgaactc aaagtagccc actagtatgg tgctcgtgtg cgtgtgtgtg ctgttgtgtg 60

tgggagagag agggacgaca caaagagcgt atcaacattc aattgcattt ttaacttgtt 120

ttcgctctgg aatttttgat tttctcgcgt ttttcgattg ctttttgta gcaacaatta 180

atttacaggg ttcgtatttt tctctttctc tcctgggggg cggtttccac aagggaaaac 240

tcgacgtttc cattgtttt ctgcaatgcg ggtgctgtta tcgtcctctc tctcgctcgt 300

taattaagga tttttgtgtt tgaattcacg ccactaaaa caccgacctt ttaaatacac 360

taactttccc ctttgaaatc gtatattatt attattaccc gagccttagc atacaaatta 420

ttaatgtatt gca 433

<210> 639

<211> 606

<212> DNA

<213> *Drosophila melanogaster*

<400> 639

gatcggataa tgaatgggag agagatatag acggaagcag cgctgcgaca gcgcagtgac 60

agcgctgcag cagcagaaga gagctccacc gcgcgcttct ctctctctct ctctctgcct 120

ctctttttgt agaattggaa ttgcagaatt gaagagtctt ctcttaactg gcatatgtac 180

taacttagaa aacgattcac aacatatgaa taattgaaaa caaaagtacg aaagttatct 240

ttaaggaaga tgaaatacaa agataaacgt gaaatttaag ttgcttagat tcaactaccc 300

tttcttctc tcggatcatc tcggcgatcc ctgcttgat ctccaagtca tcggcgagcg 360

aaggatcccc cgctgaacc cactccgct gcacctctc ctccaactcc ccgcgcgcc 420

actccaccac cgctgggtg gtgcgggcg tgaggcgga aggcgtggct tggcggacgg 480

acctgggtccc agggcactca gttcatggca gcggccatgg cggctgctgg gccgagggga 540  
 aaacgggaat ctccacaggc gatgccgggt ggtgggctga tccggcggtc tggaagggat 600  
 gtgggc 606

<210> 640  
 <211> 375  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 640  
 gggcaacggg attcgcgttg tccaccacga cctgctccgc tcttggctctc tcgctcgctc 60  
 ccctggttgc tttgctatct ccctccagtgc cgcatgcact ttgcatgcga atgctttgtt 120  
 gattctttttt cttgctttat tttctgcact ggtgggtggg catcgagagt gccggcagag 180  
 aggcaaagaa tctaagagat tgagaaatgc aatggggatt gagatgagag actgttgctc 240  
 caaggaacaa caaatccgga atacgaaata cggaatttat tgccatgtct cctgctttga 300  
 gtttatatttg gcccgctgcg agtaaagtgg caggggcagg tggagaagggt gttgggttag 360  
 ccaggggggt gatgg 375

<210> 641  
 <211> 435  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 641  
 ctctcgactt tctctcaccg ctctcttttg cggctctcttc ttgcgcagca gcaccagcag 60  
 ttaacggtgc atgttgaaaa gttctcacac aaacgtcgtg aaaatcgaaa tcgataagta 120  
 agcaacgaat tttagctgcc cagaaaaaga ccacaaattt cagtgaaaac ccagcgataa 180  
 gaatcccaaa aagtactaat ccagctgaaa aacaaccatc ttaaccggcc atgtccaaaa 240  
 aaagtgttag ccaagtgttt tgaataacgt agttgggtgta aatgcttaaa aaaaataagc 300  
 tagtccggggg ccagagaaaa atcgatacga tcccccaaa aaaagggggg ctgctgcgtg 360  
 ggctgcccga gtgaaaattt ccagcttaaa aatagtacta gatttgagct tgaaagaaaa 420  
 cccttgaatt tcctt 435

<210> 642  
 <211> 790  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 642  
 gggtgcagtt tttcccaacc acgctacgt ctctcactct ccattgccaga cattctctc 60  
 tcacccaagc gctctccctc tcccgcgcg gcgctcttac cgctttcact gcctcccgcg 120

cacacacgca cacacaccag gccgtgcgac acacatagac atgggcagga gcagataaac 180  
 gccatgtttt tcaaatacgt gccaggcgca ttcttttcca ttttgttcca ctttgetgcc 240  
 aacgatacga atacgatccg ccataaccc catacccact tggctcgctc tcagtctcct 300  
 ccactctcag ccactctctc cactctcacc gctctctcac tctcgcttgg ccgtgtttcc 360  
 gacttcaccg actttgactc gctactccgg ctccgaatct gaatccggcg atatgctcgt 420  
 ctctctatg ccgtacgttg ttttccctgt ttgacctgtt ttccctatcg ttgtcgtcat 480  
 cccgttcattg ggaaagtga gtgaaaagt aaatgccacg aatgccggt gccagttgcc 540  
 atccacgcac gcctcccgcc tttgttggtg ttgtcatggc tccgcatttt cggccacttc 600  
 ggccgatttt tccggctgtc tttgaaccct tttaatgatt gctctttaat ttccattaag 660  
 tcaatgccat tctgcagact gccatttttt agcataccca ttacaattta ttttaatttt 720  
 tttaaattac ataatatata tttatataaa cattttgagc aaaaaaattc agtttaagaa 780  
 atgcgaattc 790

<210> 643  
 <211> 565  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 643  
 cgcttatctt tgggagcggg gcaatctgtt tcagatgcgt aattgccgct gcatatttat 60  
 agattccac attttggcga agccaagaaa agcggcgagt actcgcgatt tccccacgcc 120  
 aatccaatta acattgatta gttgattttg cgctcgctgt cctggaggaa atttgcattt 180  
 ttatagcttg tagccgtagt ccttgcataa ttccagccac gcgttgcttt taattaccaa 240  
 aagtctctct cactttgtcc tgcagaggtt tttgctctcc tgctctctct gatttatcgc 300  
 acttgacgca gcgcagtgcc ttccggctgga atcacacacc ctgtgttttg ctttgctcgt 360  
 tgctgaaac tttttggccc taatggaatt tacacgagtt cttaacactt tccccaaaag 420  
 tttcgaatgg tttttttggg ctccaggacgc cattttgtgg ccgagcgact aaaaattaaa 480  
 acaataaatt aaggacatcg agcaggaggc ccaaaaatgt gttgcatact ttggggcaat 540  
 aaaaggggga tttcattatg aatgc 565

<210> 644  
 <211> 511  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 644  
 gtttggtgac agaaaacaac atggctgaca cgaaaagtgt gacctatagt cgtgcagcag 60

aaaaaaatca ctccgaagac cacgggcacc ctgtaagcaa aatatgaagg ggcttctgaa	120
atgCGattta gttaattgtt aaaaacaatt ctaattcggt agtcactata tgacgtttat	180
ttaaaacaat aaagtaacca aacatttatt aaccttttaa attttaatat aatctatggt	240
atatgttgat attgcaagat tgtgctggag tattgaacaa tttctgcata aacaagtctt	300
aaatgtgcaa gtgctacaaa aaatTTTTTt ctgttaattt aattgttact gctaatttaa	360
gttagttacc atattagttg ggaattgctt atgttatttt atccgaagtc aagtggagcg	420
caaatgataa tcttatcagt tgcgcatact cgcctatgcg tatgatgccc agtgtgacac	480
ttggtggtat ttaattagca aacggaagaa a	511

<210> 645  
 <211> 558  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 645	
ctccggccca aagcggaat gaatggatcg gatcgaatag accgatgacg ataggttcgc	60
ggcagagcga acaagtgcag aatcggaag gagcgtgttg tctatgtgct taatgcaata	120
ctttttctgg aactgtggg aaaaagacat acccttacca ttttttatt attgattgga	180
atattcttca taaaacatct ttatactgtt tatgaccagt cttatttgaa aatagcgctt	240
aagcgtagag tatctgctct cgtatagtta taaaagtgat caatatattt gtctagctac	300
ttattaattc ccacctgaaa cctactcgaa attacaaaaa gaaataacat taggaggctt	360
ttagagatca tgctcctttt ttttgtttcg ttaatcggtt atctatttgg ggatctttgc	420
atctaaactg ctgccgaagt atgtatggat gttacataaa ggacaccaaa ttacacctgc	480
ctaagtttta ataaaaagg tagttcaagt atcttacc aa tggcatactt tcgcgttctt	540
tcatgaagat gaattggg	558

<210> 646  
 <211> 572  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 646	
catcatgtgc cagacaactg ctctggtgca ctgtgtgtgt gcgagtggcg tcggccagtg	60
ttgcaagcgc cgtccagatg gacttaaaat tctaattggc gtggcagcga ctcgagcaaa	120
acgcgcgttt tcatacttgt attagcacac ttgcacttta ttctagcttc aatattgctg	180
cgttaagttg atcctatata ctacacctac atttgaaaag tattcttaca ctttaacttg	240
aaggaatggg agatttccga cctgtataga aattttggat aatattcttg aacgcgcctc	300
aaaagtcaat ataacgtttt attatttgta aacttggtca agctgtatta tggaactttc	360

catcgattat tctgtgatgc agatgcgata gaagactatc aattctgaca ccacgtcttc 420  
gaggtgctaa gagatagatt gagaatcagt ttgaatatag tataacatat ctgtagggta 480  
ctatatatcc tcttaataac taaacacaca aggcaggagt ggactctttg attattgtac 540  
tttccgggtc agcttagcat tcgactgact tc 572

<210> 647  
<211> 507  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 647  
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caccaacaca ctagagcaag tgcgtgtaca tagagggttt gtgtggggca catatgtgcc 180  
cgcacgatgt cgatactggc tcacattggg agtattttaa aagcgacgaa cggcccgcgc 240  
tcgaaagcac gactgaaaac ctaaattgat taagcgaatt tgttctatca agctaattca 300  
attgctcggc cagttgactg aatgatccac tgcaagcgca gcctttatgt aatcggaatc 360  
agtgaaaaaa gcgaaacacg gcggccgccg aaggaatacg actccaggac ccgagtcaaa 420  
tcgaatttgt ttgtggcgcc tatttacgtt aaagtaaaaa tcttggttgc tggggcaccc 480  
gcttctcgaa cccttcccac tcaaagg 507

<210> 648  
<211> 26  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 648  
gccatgacga ttcgaatgtc gaattc 26

<210> 649  
<211> 412  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 649  
gcttgcgcca aaacttcgac tgcaaccgtg ggcacgcgg gagctatcga tccatcgata 60  
cgatcgctga aagataggcg tcacacattc ctatcgatta tacttagcaa agactcgcac 120  
cgtaatgcac agtgaggcga aatgttttct tttacttata gtatagtatt acaattaata 180  
ataattttta taatttttga actaaatcat aagcgccgcg ggggtgttct ttattcgctc 240  
tcaggcacgt catccaatac aaatttctaa ctacagggtt ttaaaccctc tatataaatt 300  
ttttgaaaag gttccttagc cagactgag gtactacact ggccagggga ctttcgttac 360

agaattgttt ttataatagt tattccggag ttaacagata ctgccatgta at

412

<210> 650

<211> 492

<212> DNA

<213> *Drosophila melanogaster*

<220>

<221> misc\_feature

<222> (1)..(492)

<223> n = ambiguous/unknown nucleotide

<400> 650

gattgcagat tgcagtacag ccgcgattcg aatcgcagct agttgttgga agttttgggg	60
caacagaagc gatcgaagg gctaagcagc agaatctgag aacgttttta ggcgcgcgta	120
taaacaaaaa gcagatcaca ggagggaaaaa tgtataaata gcgcccccaa gtccaagcg	180
tgacgctata tatccctccc tttccctttc ccattccctt cgggccatcc ctctcctttg	240
gtattttatt tttaaaattt tgcagtcggt gatgttggtg tttttgtttt tgtttgggtg	300
aagtcatgtc gttgacaata tcaaggccag cccacctacc aaacctaatg tcctttgcac	360
agtaagaaaa agggattttt tataattatc cataaaacga aaggtcacga aaaaaatatt	420
gaaaagagct atcctttaca tcctataatg ctaaagctaa aggtgaattt agggttttta	480
gngcgacttt aa	492

<210> 651

<211> 582

<212> DNA

<213> *Drosophila melanogaster*

<400> 651

gtttcgtcgt ttgtcgtaat cactgcgttt gcttttcggt cttccgtttt cgtctttttc	60
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ttattttttg cacaaccgca tttcgggttt gcagcaaaat taagaaaaaa tctctagttc	180
acttttaaga aagaaaattc cgtttaattt tagcatttta tgtttagcaa ttttaataata	240
agtcaatctg aacagcgctt gaaaaattcc caaatagtc aaatcattgc taaaagcgat	300
attatcaagt cacgattata gttatgtagg ttcattcaacc tggacaaaaa tttgccaatt	360
taattggcta aaatctatca agatgggtgg tttaaagata catttttagtt acttatcaat	420
atttttagaa gtaaataccg gggttaaatg tttcgtggaa aactagaaat ttaccccaca	480
tcattggcta taatttattt atagcgttg tatattttaa atagagcttt atttaatgct	540
ttttggttct ttgataagcg tttaggataa tgagtaaata ga	582

<210> 652  
 <211> 528  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 652  
 gatccgacca tgagaaattc tgcaattcca tttagttttt aacgtatgct tactttacct 60  
 ctctgccttt gctataaaga attcgcaact gggatcaggt tttatgggta tcgtcttgat 120  
 agatgcgacg ttaagtttgc caagttagac tcgtatatca gcaactagtt ggtaaact 180  
 catcaciaaag ttgatttgaa aatattttaa gctgtaagtt tgttcattgc gcatacgccg 240  
 tgttaacatg tggtaggtac acccacatta cgcattcgca ccgtttgctc atagagctgg 300  
 ggctttgata gataagaatc gggcccgaaa caatgtcatt agtccagtta acgtggcctg 360  
 actaaacaag ctaatttccc agttacaaaa tgtcggcaat tttcggtcag ttattttgaa 420  
 tggagtccaa tcatccgagc attaaacaat gtggcctctg caaagtttaa ctttattttc 480  
 atgattagga gctctcagtg cccagtgtga gttattttaa taaccata 528

<210> 653  
 <211> 446  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 653  
 agcggggcctg tattttttaga gttaccagag tatgttagga aaataacgaa attaacgact 60  
 accgatattc tatgcgactg atgtgtgctt tcgattattt ttattaaagc ttttgtccgc 120  
 catatttgaa tttaaaaaat agaggggaaag cttgcaatta aaatgtttga ctgaagcagt 180  
 ctgttccatt tttcaataat gccttattta ttcgacgttt tttttccaat acacttgaaa 240  
 gatatcggac agttttgcat tttggatttt taaacaagat tacaacagag cgaacttttt 300  
 atgagcggag ttactagaat ttaaattcctg caagcatcgt ttttccggaa taaaaataaa 360  
 tgttttctaa gaaagttatt cggcataaca taattgggta agcccaattg attcttttct 420  
 attggtcttg gtaatagtgt aaaaag 446

<210> 654  
 <211> 403  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 654  
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 ggcgggtctga cgatttgtgt gccaacagca aagatcttac atagtttcaa aatgtttatt 180



tgtttagttt ctaatctgta ttttaataatt aaaaaaaggt ttaaagaatt tgtgctttat	240
tttattagta gaaagggtttt tggtttctgt aaattttaaa tttttcatat tttcgtaga	300
tcgccgagct ccactcgcat atatattatg tgcccgtggc acccccttaa tacattctct	360
gttcaataaa tattattacc tattgcccta ttttggttac aca	403

<210> 655  
 <211> 525  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 655	
ggccagcccc cgcgcccc ttttgctatc tcgcttgctc gcatggacaa aatcaacaca	60
agttcacaca catacaggca cacggatgtg aactcacaat gacaaccact tcgtcaccag	120
caaataaaaa agtgctggcc ttaaataaat tgcgttttat gtaattccac tacattcgta	180
cgttacgaaa acaagcacta ttcataattac acggtatata ttattacttc atatcgagtc	240
caaattgcta ggcaggaaaag gtcttaaatt tttacgcttt atgggggagtt taccttgggg	300
ttcgacctga caaagaagtg tgggcccggc cgagactgtg agaaattacc aagtgggtgt	360
ctgttatctt aatcccaaatt actctagaaa catttggtat actagaattt ggagatttaa	420
gcatattata aaatatattt atttatattt actaaaaatg cttcttaata ttcgaaaaca	480
ggttttttaa tagccaaagt aaaggactgg gattttttta taaag	525

<210> 656  
 <211> 589  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 656	
cacaggcgaa tgtcggaatg ataacagtca gtgagagagg ggggaaacac gacctctcc	60
tctctcgttg aaggattgca aaaagcgaga gggagaggaa gacagataaa agatagaaaa	120
aatcaaccta cgagatagct cgaccaaaaa taaaagacaa accaacacga agcgaagaaa	180
aagcagcgag acgaaatgag agcgaaaatg aaaacacaca caaaaatggc aaaaacgaag	240
agcagccaag caagcagcgg aagaatgtgg aacatacatt tttgtcgtca agacggcgga	300
aaagagtggg cttgagaatt gagaattggg gaagaatggc cggtttgggg gaataccttt	360
cggctttgat tgtgtgcgtt gcgcgaccgc cctccccgtc catacaagta cgatagtgtt	420
gtgttggtgc gttgttgcgt gaaggttgcc agtttattta tttttggcgc ccatctcgct	480
ttggccccatt gattttgcac tgcttgccctg ccttctcact cggccacttg ccacaccagc	540
acttgtttcc cttttcaaca attctaccat cttgaaaccc tataaatcc	589

<210> 657  
 <211> 528  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 657  
 ctctgtgac gctgcat cataatcagc gtttgcgat tcatcaaaga aaccgccgcc 60  
 gggtgctctc tccactctct ctctctcttt tctccattc aaggataccg aaagagagag 120  
 atcgagagag tgccccctct ccttcacact tccctcatgg gtttcctatg taaatcattt 180  
 aaagggaaat tgttgacaaa ctttaacgag ttgattggag ggggaggggt gaggctaact 240  
 gcttggtgggt tttcccgccg taacctcat tcccccaacc cactcgccca ctttggcagc 300  
 tgtcaattag agcttacagg gagaaaaaat gaaaaccgga agcttcatta tggtaagttg 360  
 gcccttccac aaggtcttcc gcccacacag gctggtggga aaatgagatt aggggtggagg 420  
 gggggtaaag tggggggacc cagcttttat gggcctggta attgatgcc aagctgcaa 480  
 ccatatgctg atggaatggg ggccgttggt cgctgcagaa agaaaggg 528

<210> 658  
 <211> 776  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 658  
 ggtaggagat acgaatcgga tttgaagtgc tcctaacgat ttgaaattcg tatttggatt 60  
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 tattttattt tgttgaaact gcggattggg tttgtttata tggacatctg gcgggtggcct 180  
 cgccattaat atttatcagc tgctgcacct ttcccggtt tgcagctctg ttgccttctt 240  
 ccatggcgtc gcataaatcg cagcaacttt ggcccgacac gccctcgaa cgccccgatt 300  
 ttctctgaac tcgcttggt cacaagttcc aggtacaatc aagtttttcg cttttattat 360  
 ggggagtata atatatttta tacggcttct atctgcgcc gtcttctcgc tccctttcca 420  
 ccttttctac caatttatgg cggccatttt ggagaggtgg tgtctttgaa attttagttt 480  
 attgcaaagt ctcataaata tttcaagagc aagttttttc gtcttcatct cgttcccgtt 540  
 cgatttataa acctggccaa tttatattag tctgcgagga agcagggcat tttatgaggg 600  
 gttgaaagag aaatgtatca tgaggttcat ggactttgat gtgccagtct gtcacctgag 660  
 tcccactgct cagtgatgaa aaagttcttt tgagtgttt atgtatgttc cataaacacg 720  
 attgttcatt gacttggcgg tgaggcattt atagaccag tcaatacggc gaattc 776

<210> 659  
 <211> 756  
 <212> DNA

<213> *Drosophila melanogaster*

<400> 659

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caacatactc aattggattg gatgatgtgg atggagaaaa ataaggggcg gtcattgtac    120
catacaatgc tataatttta tatattcgcc caaagttggg actacgcaat acacagtatt    180
cgtctacgct taaattaagc gatgactaca tacatatagc atccaaaata taccagttta    240
gcagattcga aggtcatttt atgtgtcatc ctaccatcaa tagagagctt tataatgttc    300
taaataaatt taattgtttt cgagaggaaa aatgctatta tattattgtg aatcctataa    360
acgagtagtt tgctaaaaca agtaaaacac agtttaaaat ataatttctt aacagtattt    420
tttaccgtgc attcgcataa acagatgacg cgtcagtttt ctgggggtata tacacatata    480
catacagtac tccatttgct atatacgatt acaatgtgtg taacgtactt cctcttttac    540
gcacacactc ataatccggc ccaaccacac accaccacca tcgtcatcgg aggaccacc    600
aattccggac tatggagcat tagcttcttt gtggaacatc cgtgccacgg aagtgggcct    660
catgccgtgg ttttactctc gcagaaaagg acagaaaata agtcgaaagg caacacatta    720
ccattgccat agaacggact tgaaatgcgt tgagga                                756
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<210> 660

<211> 630

<212> DNA

<213> *Drosophila melanogaster*

<400> 660

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cgccgaccag actctcggac aaccagtgat gatctagcgg atgcgttgct gtcctcacia    60
tcgggtcaacg agagcgtcgc actattatta ctttatgatc actgcgcgtc tcgctctatg    120
gtgcgttaat atgcctcggg gaggcctctg acattctacc catcactcgg cgtaaaagac    180
ttctgtgttg ccaattgtgg tccgaaatag aattccagtt tcgaacatga caggcgggtg    240
gaacaaattg actgaatatc gtagataaat agcatatata ttagctcttt attaggtaca    300
cggctcttggt gcgtgaaacg tgaacatgaa acctgaaacg tttacacgag caccaataaa    360
gaacataact agccgattaa ctaaattatt agtagcgccg agaaggccct tgactcgatt    420
gatgagaagc gcgtagaaga accatcgaac tctcgagcgc atcaactcaa cgctcaatgg    480
catacgtgta ataaattcag agctctacaa attattggat aattaaaact gttctattgc    540
gtgctaaata gacataccat aaatcacaaa tttgtgcgat atgcatatcc caaatgtcaa    600
cttgcttcgt ggtgtgaagc cataaatata                                630
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<210> 661

<211> 162

<212> DNA  
 <213> *Drosophila melanogaster*

<400> 661  
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 aagttaaatt aaaaaaaga acaacaagaa gtggagttgt acacaggaaa aaatgatatc 120  
 aagtgccttt tcttctaata tatgtttatc ttttgaaaaa gc 162

<210> 662  
 <211> 509  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 662  
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 gttcactgtg tntagctagt ggtacacaat gaaaatgcaa tcgaagtagg caataaatc 120  
 gatgagtaca tatacatgtt tcttgcagct ttagcatact actttattac tttgtgttaa 180  
 aggtacaaag tataaattca cttagcagga cttagataag gagttagata atccatattt 240  
 ccggtgtatt tgggctgcta ccgattctgt gtgtttttat tgctgatttt gtcgtttcat 300  
 cgtgtatttt cggttatagt gctctgcacg ctggagatcg agtagtcac aggctgtcgc 360  
 taaactgggt tcggactgca ttctttgggc cacgttattg gcgctgcgct agctgctgct 420  
 gctgctgctt ctgctagttt gagcaggctc agcgcaagtc gcctggctga aagcgaaatg 480  
 atcatatgcg gtgcaatttc tatgaattc 509

<210> 663  
 <211> 182  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 663  
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 gcgcgtccc gttgcctctc ctcacagcag ccgccttcga acgccgacgc tgctgcttt 120  
 attttcgcgc cgctgctgat aaaataaaga acaatattaa tttaagttta aaatacgaat 180  
 tc 182

<210> 664  
 <211> 528  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 664  
 ggacaagcaa agcgacaaga gcgagagaag aaccagttgt cgtggcacgt cgaccacatt 60  
 ccacgcgaaa gaggtagatc tcttatttca ttcacatttc aacgttcgaa ccgtgtgttt 120

gtgtgtgtct cctgcagtga cgccggtgaa gacgtcgaat gagcagaggt ggtggcaccg	180
actgcatgtg gagggccgagt ttggagatct ctggatgctt ggcgcttggc atgcgacacc	240
cgaaaagacg aaataagaag ggaataaggg cacaaaaactt aaatacggtc aaatacccac	300
atatgcatat gttttatata gagttatata gcatataacc atatatagtg gatccatttc	360
atgaatgcat aaccaatctt catatacaaa tattacctat cagtaacctt aaactgtcat	420
agtttaagat ggtttacata actgatacat aaaacaaact ttgcatggaa accagagaag	480
aacagaggtg gcgcccgaatg cagggcccga gagagagcag agccgcag	528

<210> 665  
 <211> 633  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 665	
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taattacttt cagagcccta taaactataa ataccactca atgtggtacc cccacacca	180
ggaactagca actttcatag atcgaaaatg cccgcaaacc cgactgtcaa aacaggcaaa	240
caaattgtgc aaataagtcg gggaaatgtt atttatgccc gtaagatttt ccgtgattaa	300
ataactaagg tccaggccag tcgcctcgcc gcttgtttgc agaatgacag cagttgcaac	360
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ccaattgtca tgcgctgaaa tgcttgtaac aacgtcgatt gcttttggcc aagtcagtcg	480
tctatatata cccagcacca gccccacccc cagccagaaa gcaaatcaac ttcacatcac	540
tttcaaactc agcaaagcca aagtcaaact caactgaacc tctgctcttc cactttttct	600
cttttaatca aaaagaagtc gatgcttctg act	633

<210> 666  
 <211> 460  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 666	
gtacactctt tcattgccgg ccaaaaaaat ccatcatacg cgaataatta tataactaaaa	60
tatactacaa acgaattatt cgtgaatatt aaacctatct acgcagaacc aaaactacag	120
taacaaaata tcatttggtt ttagagaaat gtttaaattt ttcctatttt catacagaaa	180
taaagtataa ttgtagaat taaattttat tttctgtatt taaatcttat gctgaagtat	240
tagcaaaggc tcacaccaag gttgctatct gtgctaacaa tttaccaagc actccaacca	300
attgaactaa aaatgtaaaa ctatttcttt ttaaacttta acattaaatg gtcttacaac	360

aaaaaaatat gtggaacata accgtgaatt ggtttaatat aaaatttata ttttaataag 420  
 gtggaataag gcaagatgtc aagcccttta agtgccaggg 460

<210> 667  
 <211> 443  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 667  
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 ggtactctcc cacatcggca tcttgcaatc tctttggctc agcatccttg taagctgttg 120  
 tcggagcaat ctgggcatgg ggcaactgaa aggaaagcaa ctttcccatt caggagcgcg 180  
 caagccgcag gaatcgcgag cgcagacaat tcagttcggc tttaacgtaa tggacggaag 240  
 gtttgaatat cgcttctcgc cccagttgta cagataaagt cccactgcac gcaatagggc 300  
 acttggggaag atacaataga acgccgacca gtggtgtgta tattaagggtt tggaatgctt 360  
 accaatgggg aattaagtgg caaaaatatt gcaactacga cctaaacgca agggcagtta 420  
 ataacttcgc cagcttttgg cca 443

<210> 668  
 <211> 524  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 668  
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 tatatatctg gcgatcgaaa tgaactaact gaatgtgttc aaagaatgaa tgaagccaat 180  
 gaattttcaa tagtaattca gagtgcttaa aattcttcat gttgtcattg agtaaaatga 240  
 gttcggacag cgcgaaggta agtcgaagtt tgtgttttat tatgtttatt tgtattatta 300  
 tgtacactag tcggcatact tttgcgtgcg tcttataccg tgtgcgtctt atttaacaat 360  
 attgtaaaat aaaatatata aattatttgt tataatgccg taggggcctt attttgggta 420  
 tggatagtct tttggtcata gatatcatta ttctgaccaa gattggaact tttcaaggta 480  
 ttgcttctcg tattcaattc tagctgggtc tacgtacgcg atat 524

<210> 669  
 <211> 537  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 669  
 cgcggacgaa tcgcgagcc agagaagcgg taaattcgaa ataaccgttt ggaaagagca 60

acatgatgag gttcttttatt cgtttttagt aaaatggtac aaagtgaata tgtgatttaa	120
ttgataacca gcatgggcgc cgtcagtggt aattgcgttc cgaattgctc tttcgaaaac	180
gcagacacaa atgcacacac acaaagtagc ggcacccaca cgatcgcaat ggcaaaagtg	240
ctgcagtgat aaaacaaatg cacagccata aaggcaaagt cggaaaagt tccaatgca	300
ctggcggccc atgcataaaa atgtacaatt tggcgctctt tgcacttgct accgtcgttg	360
gaaaagcaaa aaaacctacc aaccaacaac aataggaaca taaactgaaa caaaaagaaa	420
accatttttg cttcgcgctt tttgtttttg tttggaccgc cgctcacgca ctttcgcgct	480
cacacgcaca aactttttgc atttggtttc ttcacccggt gcattatcac aacaact	537

<210> 670  
 <211> 459  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 670	
gctgggcaca accgatctcg tttttttttt agttctcata tttttttgtg ggtgtagaaa	60
agtttacgaa gtgcacacaa taacactccg taaatcggtt ataagttttt tgggccgtgt	120
gattaccagg taaacacaca ctaaattgtaa gacctaatg gctgataaga tagctttcaa	180
ttggcaagat cgccttttca attaaccatt ttatcttggg aatgacagta ttatccgtta	240
tgaaatttta tctacttcac atgaagccta atatcatggt taaatgtctt cattcaattc	300
atcagcttat ttacaatga ttaactgata aagatattat aaattaataa tcttgtttcc	360
aaaccacgt ggggatgtaa gcaaaccag ttccgagcga aaccaattt tacctggggt	420
ctattccggt ttttgggcca tattcttcgt attggcaaa	459

<210> 671  
 <211> 371  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 671	
cctctgccac aacctgcta tctctcttct tctctctctc tctctctctc tatgtgtgtt	60
tctctggact atctcctctt ctggaacttc tctctctctt tcttcacaca cctacaccaa	120
aaaaacacat acacacaact ggactggacc tggccaaatt gaatgaccta cattcaaaaa	180
tacaacaaaa tacactgcaa aaaattattg tacctgacca cacattgaaa ccatgtaagc	240
ggtaggccag cgcttttgaa acgagatgct atagtcacgg gaccgtccac cagatatgcg	300
cagcgggtaca tcacgcgcac gcaccatata agctaagagt tttggacaag tcaactgaaat	360
gtacagaaaa c	371

<210> 672  
 <211> 551  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 672  
 ttctggccag gccaaaacaa tcaatgcgga gagcagacag tcgaagagag agagcgagcg 60  
 aaaaataact aaggggaggg ctgccacctt ttcttttcat tgtcttcggt tcattaatac 120  
 cccaaaaata tctcgtgcgt tgtgttaacc ttagacagac agctgtatatt atttttaagt 180  
 agacaattat tttatttggt gcttggagga aaagtttggt taataaagct aacgcgacaa 240  
 ccctgaattg ctctggcaac tcccagctgt ttgcttactc tccatggagg caaacacttt 300  
 gttacagtgc tgcaactaa gctatttcca agccaaatct ggcaactcat aaaagaaggt 360  
 ttttgcaaat ttcaaaatta ttattgtaat aacttttagaa aattagcatt ggtcagctga 420  
 agaaattaaa attaaaccta tatgcctagt ttgggggtta aaaaggtatg gttaatttta 480  
 attttacctg caaagggatt tattacaaag gttaaccctt agttatttat tcgctaaaag 540  
 tgttgccaac g 551

<210> 673  
 <211> 382  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 673  
 gtgccagggtg agaaaagtgg agaagtgttg gaaaataactc acgaagctcc gtgagctctc 60  
 aaaattagac ttttagcaaa ctgtacaaaa cagcaggggt gtcatcacgt gtcacaatat 120  
 agtgtcagaa gaatcaaaag ttgtagcaaa caaaatccga cgaatatttt atcactatcg 180  
 ctaacaaggc gttcgatatt gtgttggtgc ttgcaaataa tctcttctaa taatatcaca 240  
 cattgttgct agtgggtcaat agccgaattt tcgaagtcac ttgattcata ttactcgta 300  
 aaaacctgtg acgccgctgc tatttctatg attagtcaaa gcaactaaga atactacgaa 360  
 tatttacatt ctgatcgaat tc 382

<210> 674  
 <211> 515  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 674  
 gagtggccac aactgaaagc aaatgtagtg agaggtttga gagagagttg catcgaagag 60  
 aagaggagcg agagagctct tcggtatatt taattcataa aaattgagat acaatcgtag 120  
 tcgcggccat tgtttttctt ctttgggcat cgccgacaaa gaatttacta aagattttta 180



aaagcattta atatgatttt aaattagatt tatctgttta tattgtttgt aaaaaaggaa 240  
 gactaattac caaatattt acataaatta ttgcaagttt agacttttat atagacatca 300  
 tctcttcgat agtctgctag acttactgaa ttagtaaata aagtaaactg caccataaaa 360  
 gagtagcttg aaaataaaga gattcttctc aaactcttta agtctatgtt cgaaaaggaa 420  
 tctctggatt ctgcattaaa cacgaacaaa atgcatgaac tccttaaaag tcccgaatta 480  
 agtggagaga gaaacctggc ttaaaagaga agaaa 515

<210> 675  
 <211> 513  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 675  
 gcccggactt tacttacttt ccgttaaacg ccatcgattt gtttgacgga aaccggtttc 60  
 cattgtgcc a ttaaataatta atttaacttt gtggtcagtc caccatccg taataatgaa 120  
 tgtcggtttc ataggactag ataatagaca attggagttg taaaaacttt cataaattgt 180  
 agtgaagatg ctatgaacca tctaaattgt cacaatggtc gcaatacaac agttggaaac 240  
 actaaaaatg gttacatttg ttaataaatg aaatcaagag ttagttatat gtagatagag 300  
 taaacctgga aagatttgct gtatacggat tattcatcta ccagtatca cgtaaccag 360  
 tatttttgaa agccccttag aaatggtttg ttggattggg ggataagaag aaaccagaaa 420  
 cacagtcagt atcttttttag ccaggaaaca tgacgcgagc cagcaaagcc gcagaaataa 480  
 gaagccagaa cttgacagcc accgaggaaa ata 513

<210> 676  
 <211> 549  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 676  
 acctgtagca taagcatcgt atgatacatt caccgcttca gtcaatcaca gttttgttcc 60  
 caatacaaac atgcgcacgc cggccaccaa agtcaaacac tgctggcggt ttacttataa 120  
 acagaaactt ttggtccttc gatgccggtc ggccgcatat ctcttttgat tttcgataat 180  
 ggtactttat tgcggttttg tagacggtga tctatagaat cgtatcctat tctcgtccgc 240  
 catgcggagt gtgatttaac agaggagcaa aatttttcgt gcgtataatt atgccatcaa 300  
 gtttttgatt tgtccaagca ttaagtagtt cgttttgcgc acctgcaaga caattatatg 360  
 ccttccatga ggaacaagat tggggaaaac cctgacgacg actttgctcc atatgaggag 420  
 aaacattact ctacatgggtc attctaccgt agaattacgc caagggtgag accaaatgga 480  
 cccgcaccgg tattcaactc aaataccgc agagaaccag gtgggttgag cgaattaact 540

ttccaactt

549

<210> 677  
<211> 339  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 677  
ggccgcggtg agaaaacacg gacggcacac agttgcataa ctttgagggtt atgtgtgcgc 60  
ccagtggaat ttactaatta aatgcgagaa atttgtgaatt atcgtcagc atctgtgcgt 120  
agaatttagt gagttctttt atttgcagtt tcaaaggcta tcccttcatt gtataacacc 180  
tgctttcagg tctgtggtgt gtgtctttga ggttagaacc ggcgaaagct ttccagtagg 240  
gcgttgaaaa atgagagggg tgcggggtaa taaaattga caataattga cattgtttat 300  
aaaactatag ttggtaatat cgggccacca acaactatg 339

<210> 678  
<211> 582  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 678  
tgctggccgt gcttcttctt cttcttcttc cactcagtea attgctgttg ctgacgttgt 60  
cggaataatg tgtcttggtg cttttttgct ggctgataaa taagctaaaa tatgtactta 120  
cccactatth atgctagaga agtggttgga attgtattta ttggcaatag attataaaaa 180  
atatcgctth aactggcggtt attccccgta ctaatagtag tatcgatatg gactactacg 240  
acttacatag atatgtcatc ttggtactaa agattttctg atggctattg ttattcaata 300  
ttatacaggc caaatagata gattgagtat tgttattaca gatgttttga acatagggtct 360  
gcctgggtta cattgtttat caaaatttaa taaggaaagg atcaaagaat atgggtcaca 420  
ttattatgta attaaaaagt tctcaactca aaaccagggtg cataggattt caactatgct 480  
atgcaatagc taacgtataa aatgccagcc tatggcctat ttggcgactg ctttggtagt 540  
agtatcgta gtgggcatgt tttccaggcg ctctgcgccc aa 582

<210> 679  
<211> 323  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 679  
cccaggccag cagcaaccca gggagcatcg atcaacagaa cgtgaacatc cagaaggccc 60  
aggtttccgc aatcatgagc ttctccttga tggcccgatc agatggcgac gagaacaaga 120  
cgaacaacgt ctactacatg cgacgttttc tctcagcccg actatttaac cacatgggtg 180

gtactgagcg cgtgtcgtcc gaggatacga tattggccat gatgcgaacc cattacaacg 240  
 tggaacatca gatccccgaa acagagcccc cggtgaagct gcacaaacag atcgactttc 300  
 ccgctgacct acgcctcgaa ttc 323

<210> 680  
 <211> 521  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 680  
 acacaaacgt acatacgtat cgtaagctca cagtaacttg tgcaaaaacc acaacctata 60  
 aagtggcaac gtgttgcaag acagttgtcg atttgtagtg gggaagaggt tccgtcaagt 120  
 tggacgggaa gaattatggt caaacaggtc actgatacgc gatggaacca cagaaacata 180  
 caaatttcag atcagtctac acaaactggt gtaaaactac aacttagata tgatcaaaca 240  
 agaaacaccc ttacattggt gatatacgag acgaccatat cggccatttg gtagctgtgt 300  
 tgtaatcttt cgaccgctgt agtgagtcga ttgccttcac agagtcaaata ataataaat 360  
 tttcacagcg acgtacatat gagtctgtta gtatgtcatg aatgtggaag ataacatatt 420  
 aagaaaatta aaacgaatca acacattaat ccaatgtata ccttccatct tataatatca 480  
 aatgaaatat ggttcacaca atacatatat ttatccaagt a 521

<210> 681  
 <211> 722  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 681  
 gcccacgaca ttcgacgtcg aacacacagc gctgtcactt tggttcgacg cgttcgttcg 60  
 agttggcact gaacatctga ttggatcccc aggtgaagtg tgcgaggcaa cggcacgatg 120  
 ctgctcgttt ggcgcccgtg agcgacgctt gcgtagagg agcacagata taggggtccgt 180  
 agcacgaaat tcaccttcgc gcgcttttca caatcttttc ggtatttaata ttaaaccatcg 240  
 taagccgtgc ggtattttta attagctaaa gtttagtaac gaaacttaac agcaagctaa 300  
 cttcaattag gaaatatttt tatattctcg taaatgattt cagttccaca aagtgtttcg 360  
 atttcaaaaa taatttgcatt aatattgatt ataattaaaa gattatgtat tttctttttt 420  
 aatattttgt ttttatgcct taacacacaa tttttacagt aattatcttc ctatgatgtg 480  
 acgtcacgtc ataccatac acacacgttc tccattcgtg gacaccaaca caagcgaaga 540  
 gtacattcac gtttttcatt caaacattac tcgaacagcc ttcttagttc gacgccactc 600  
 tgcgaaaaag tgcgaaatac agagaaaatt gccctaggcg cctattttta acttggtatt 660

gccgcagaaa tgtattccaa attaaaaggg ggattccatc aaaaattaag tcggtaaaat 720  
tg 722

<210> 682  
<211> 860  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 682  
ccagaaacag aaactgagtt tcttgctaaa actcagttgg aagccgaagc gagttcgtgt 60  
atccgatgga tactttcgtc ggtgggtggat tttctgcggg gggtgactgc gtgttcagc 120  
aacattgccg cgactgttgc aacatgttgc ggcagcagag agaggtgcca ccaaatttcg 180  
gtttgcatcc ccgagcataa aaacgtgcaa tttgatccag gattcttcaa cctgtaggat 240  
attcaatctt tggaaacttc gaaagtcttt ttcttatcag taaatttagt tttgcagcac 300  
gctttgcatg ctcaaagatt taaatcgact caatttatta aatgtgatat ttatataatt 360  
ttactactat ttattaaata aatgttaaat aaatgtgtta tctgtgcatc gggccaacac 420  
ctgtaatcgg aattagtttg cgaatctaaa gatgggtgaa cattatccct tacgggtaaa 480  
acttgaacat aaaattgcta acttataaat ttacatgtgg tgtattcatt tgtaaatatt 540  
aataaataat attccatata gcctagtttt tgtgtcccac caataataat tcattttctg 600  
ttgaacgcct tgggttgaaa actaaataaa caaacaacaa tattatttgg cataattaag 660  
cgatagtcta aatcaacgca atttatgttc agaaacataa tatgctaaaa agttcactgt 720  
caaaaccaaa aatggtagta caccattaaa accgaccaa ggaccgtttc catgttatga 780  
tgaggtttca agtgtcaaga ctgttaaggg aatagtttca attcgaagcc ttagggatga 840  
atcatttcca tggggaacct 860

<210> 683  
<211> 570  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 683  
agctgtactt cagtagacat ttttgttcga aactggtttt caagtacgac gcttacgtcg 60  
ctgtcgacgt cctcgttggc gatttatgcg ttgggttttg agttgtcca agttttgctg 120  
gctgttgcaa ctttcgtctt attttgtttt gttttatatt taatgtgatt tatgcatgtt 180  
cctcaatgtg tgagtgtgca aaaatacttg aacgaaatta ttgcagcttc tttttttcgt 240  
acatttattt ttgtggattt tattgttggt gttgtcgcga gcgttgacag tcgcagcctt 300  
cgatttattt ttaatgttta tgtctgtccg attgtttatg atttttgttg ggttttttgc 360  
ttacttaatt ggcgattaga taaatgcaa aaacgcaacg aagccgatga caatggaata 420

gatcgactg agtactaaat ccccgccatc ctcaactcaaa ggcctctcca tgctgttctg 480  
 cctccgtgac tgcataaatt tagtttgagc aaacgcgata gataagatag caagcaaaca 540  
 gaccgcagca atcgaccgaa ccgtcagatc 570

<210> 684  
 <211> 485  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 684  
 caccaggata ataatcactc tcaactgaga gcaactgaga gaggaaaagct ctaatgggaa 60  
 aagctctcgc cagctgaagg gaatttcctc atttcgctta cttttcaatc agaaagagtt 120  
 tatccttcgt gcttgatgga cgcaacgttt aattcgcgct tgttctgtaa aacaaagaaa 180  
 accaaaaaag taattttcaa tcgcatgaaa ctcatgttta ttgaactccg tttgttttcc 240  
 aatttgttta accccaattc cgacgctcgt tgtgtgtttt tgtaacgaat gcagtgaata 300  
 tcaagtgaaa acgtacaacc agaccttggtg cacatatata ttatatgggtg gtaaccaaac 360  
 agtgcttctc tatttggcgc ctaaaaacgg aaggatacct cgtggcttaa atcatcagct 420  
 ctaggtaaaa tacatcctcc gaaatcgtgg ttgttgcatt gccgcttttg tgtaacatcc 480  
 cgagt 485

<210> 685  
 <211> 22  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 685  
 ctccggccac acggatgaat tc 22

<210> 686  
 <211> 378  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 686  
 gcttgggcta taattattta acgttgccctt gtcactgtct gtcctctttt ccgctcctgt 60  
 tccctcccca ctgaatcctt ttgccacctc ctgcgcactc ctgtttctgc ttccttcttt 120  
 agtttagagc tcgcgcgcgc tcttgtaata atattttaaa ttaattacaa caaacatgca 180  
 tttgcttctc tgcgctgggtg tttgtgcccc tgtttatctg tgtgtgtgtg tgtgtcagtg 240  
 ggggtgggtg tgggtgtgtg caaccctcg acgcgactgc ttgtgtgtgt gcgtgtgggg 300  
 cgtgcttttg tgctgctgcc tgttttgtat gaaaagtga ttaaggcgaa tttagcgcgc 360  
 gtcgggctca cgttccaa 378

<210> 687  
 <211> 504  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 687  
 ctccaacgat taactttaca tcttttgtat gcacgtcgtg cgcttcgatc ttgtttattc 60  
 ctctctcttt ttatttgtct atctctgccc ctttccacgt gtgtgtatag tgcttttttg 120  
 acagttgaat gaacccaagc atttattaaa aaaaagaaaa aaaaaactaa ataaaagcta 180  
 tcacatacaa taacaaacag aaagagcatg caagataaac gaaaaaagct acagttgagg 240  
 ataatgctgt agttgtactt ggatacagtt gggaaaagca gatggagaca agaaaatgat 300  
 taacccattt gtttgagaca ttccattgta atttagtaaa ataaatattc agcattactg 360  
 atactgcatt tttccccaga ttgatcccca caatattatt cttttaattg ggccgtttcc 420  
 ctaaaatgta tttaaaatgt tttagcttgc tttgaaatgg agtttaaccc gtgtattata 480  
 ttatacagtt gttcatttga attc 504

<210> 688  
 <211> 427  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 688  
 aatgagtgtg tgccgtacga taggtgggcg gtgagcaatt gcacaggaag tgcccaacag 60  
 agaaagagag agagagggac agcgagagag attgctacag agcgggagag agcctggcaa 120  
 agtgtgagag aaagcaggca ggtgagagaa gatagtgtt acagtgggtg gatggaatat 180  
 tgagttacct ggtgattttt ttagccttga tattatttta aataatctag ctaacaataa 240  
 ataagctgca atattgaatg tctatttatg ataatgaaca aatctctttc ctttttccga 300  
 gggattactg taaccgacat agaagatgtt ataaaatcat cttttctcac catttttctt 360  
 tttctctcaa ttcgctctct atttttctct cgggtggcggc gcccaaaaca gctgcttggt 420  
 gtttatt 427

<210> 689  
 <211> 157  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 689  
 gtctgcactt tcatggcgga aactcgaaag cgaaacaatg ccataaatac aacaaacaca 60  
 cacacacaca ctcacggtcg ccgaaactaa aatagataaa caaattcgga aaggaacaag 120  
 gaaaaacttt tacagaatgc gagtgcagag ggaattc 157

<210> 690  
 <211> 408  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 690  
 ggggtgaacca ttaattcaaa tttgcagcgg ttttggtgag cgggagaaga gaggggaatt 60  
 gagaagagaa agactgtaag cgatttacta tgatctctat aaaatatacg tataacttga 120  
 gtttgagcaa ttaagactc caattatatt cgatatttgt taatatactt ttaaaatgtc 180  
 ggtttctcat gcattttaag gaaagagaaa aacgaaagag acaagagcaa caagtttcga 240  
 aagctttttt accagatggg aatgcctcgt tctcactgcc agtgttgtta aatcaaaaaa 300  
 agcgccaata ttgatgtttc tctctctctt catattgctc gctctttccc acccttttgt 360  
 ttaggggtggg caggcggcaa acaagtttac tttgctctgc tttttgtg 408

<210> 691  
 <211> 455  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 691  
 cgacaactaa tggatgagct ttgctccgc tgctctgcct cctctctatg cgcctcttcg 60  
 ctctttcgtc ctcttttttg ttggtggcga ttggcgaaat tcagtttgga atttcgtttc 120  
 gaagcaaagt gcaatatgca gagcgagtgg agtggaatgc atcacacgta cgcactcaca 180  
 gatacattcc catgtattgc aggcacccgg aagttaacag atacatatta attgcacttg 240  
 ctccattaag aaatcacaaac ttttcgattt gatggtcgaa acataaaaatt gtttttactt 300  
 gttatgttcc acttttgact tcttaaacgg cgccaatttt gtaaattaag agttattctg 360  
 aacggaagca aaagctggat ttccaaaaaa tcagaaacca attgatcgat ctttcattta 420  
 gaagcaatta cagcgttact tttccaaatt gaaat 455

<210> 692  
 <211> 686  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 692  
 aaccagaagc agaagaagaa gaagaagtgg tgtggtgcgg cgtggttggtc gggcggggggt 60  
 gagtgtaaca gggagagaga gtgaaaggag agagagcggc agaaaggcag ggaacgaggg 120  
 cagcaacagc cgctgagata caaatacaaa tttcatgacg ggcaagccgg cgttggtcat 180  
 gcatttaccg ctagttcatt ctatgcctct ctcattcgtc gtgcctgtgt gagttgggtt 240  
 ttcttcattt gacgtactca aagcactcat acacacaaac acacacaagc agtggaacac 300

tcaaaacagc aacagcgcaa atagaagtag aaaccgggaa agtgagacaa gtcgactttg	360
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<400> 694



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 ttaatatattt ctttcgaatt c 201

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<210> 698  
 <211> 786  
 <212> DNA  
 <213> *Drosophila melanogaster*

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<210> 699  
 <211> 574  
 <212> DNA  
 <213> *Drosophila melanogaster*

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gacacacaac ttctatctgc agtcatttca cactttattc caccaccca cacaagtaat	420
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 <212> DNA  
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 <212> DNA  
 <213> *Drosophila melanogaster*

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aataat	366

<210> 702  
 <211> 469  
 <212> DNA  
 <213> *Drosophila melanogaster*

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 gttgacctgg gtcgcgccgc gtaaacattt tcaaatttgc caaacatatt tataaaatcg 420  
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<210> 703  
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 <212> DNA  
 <213> *Drosophila melanogaster*

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 taaatactta aattataaaa aaattaatta aaaaatgaaa tagtttccac atttcttgaa 240  
 gaatatactg ttaacagcag ttaacgaagt gtaagcagaa ggaacaagta caatgttatg 300  
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<210> 704  
 <211> 431  
 <212> DNA  
 <213> *Drosophila melanogaster*

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 ccgttggaat ctgttttttt ggctagtgtt gctcgcatth tgacccccctt ttatttagct 360  
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<210> 705  
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 <212> DNA  
 <213> *Drosophila melanogaster*

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 <211> 156

<212> DNA

<213> *Drosophila melanogaster*

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<210> 707

<211> 989

<212> DNA

<213> *Drosophila melanogaster*

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<211> 183

<212> DNA

<213> *Drosophila melanogaster*

<400> 708

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 <212> DNA  
 <213> *Drosophila melanogaster*

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 <212> DNA  
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 <212> DNA  
 <213> *Drosophila melanogaster*

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caataacgga aggatctatt gcacggatgt ggacctggga tgcatactga agctgatccg	480
cggcaatgtc caaagaaatt caaaactcct ccgcgctacg atatcagttc tggagtttga	540
ttttctcgcc tcaaaagagg atcactcgca ggatctgctg gaggccatag acaatagcga	600
tataatccta gctgccgatg tcatctactg tgatacgcta accgatgcct tcatctgcgt	660
cttgataac ctctggatc gaggtcgcca aactgggaga cccaaaacga tatacatggc	720
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gtaccttatc cggcaga	797

<210> 714  
 <211> 491  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 714	
gaatggcttt ttactatcct ttcactgtcc attttaggat ttatttataa caaacgaagt	60
cggagtcaga tttcaaagaa agaacacgtg tgacacaaga agacaacttg aattgcataa	120
cgccaacgat tttttgttga ctacggtcac actaaggaaa ttttaaagta ttcgaaaaat	180
attgaatcta ccgtagcgtc cacggtagtgt tccttaattt agcaatgaat atggacctat	240
ttttaaaaat gcacagtaac agtaatgtcc tttcggacat atcaatgcaa tctaagtttt	300

ttttaagtgg tacaattatc ttttagtatt atttcaattt tcaagtattt aattattctt	360
gtggcttttg gcggaatct taaagtttc tcacacagct tactcgctgg tattttccaa	420
atgatcacca caatttttgc cccattcgtg ttaccttcta ccaacgcgat tacctgcggt	480
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<210> 715  
 <211> 1013  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 715	
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cagcacgcat aatctcttgg ccccgtttcg ccgctaata gcaagtattag ttttatatat	180
attgggggggt acttaactat ttaaatttaa gtgcgtgagc gtcggtgacg tggctgataa	240
caccgttcgt attgcggggc aaaaataaaa tcgtaatgtg caaaaaccgc caagtttggg	300
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tccatcattt tgcgtttgcc gaatgcaatt ccaaaaagcc acacgcaaag cactcaagtt	420
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aaaatgcttt tttaaaatca gttcttttta acaaaactat gctttgagtt agtgaatata	720
tctgctcaaa atatctacga ctttttttaa acaattttaa tgccatactt ctgcataaca	780
cttaattttg atgagttgag aaggatttca atgattttca tgcaatgagt gctacttttt	840
cgaccccgac tgtgcccaga ggcgactgtc gatttggcgt tgagtgtggt cagtgcggc	900
ggggcagcga ggtgcaagag aaaagcgcg ctaacagcag caaccagcag tgggccaatg	960
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<210> 716  
 <211> 902  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 716	
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tatggccgcc aactaagaaa acccccaaac gaccttcgcc acaggccaag aacaatttca	120
gtggcagttc ataataattt ttcaataacc ccaaagttag gctctaattt ccaatttcga	180

aggttttgcc acacgcaatt ctaaactggt ctatacacca cccctccct tgaagccaac	240
caaccaccca ctgaaaatgt caattactaa gcgttttttt ttttgtttcc cattttcgac	300
tctaaagttt gatcgataag gaatttgcgt gcttgtcttg tgaggggtccg ttgggtcgat	360
cagcgagctt ttgaaaggaa ggggccccga gttaatagtg ataaggagcg tataaatcaa	420
gtggaaccaa cagaaactaa gcgaaagcga tttagattcc gcccgactg agataagctt	480
agtgaggagac aattggcaac agttttttgt acctacagta cggtttctat atatagcacg	540
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gtaattaatc tagataggtc caggttttca attttataac atggccttaa atttgattat	660
gtttaatcta cgaaatccgt acgataagcg aataataaaa gcgaaaaaga aatgttctaa	720
tcaaacattt agggaaaata aacaaaatcc aaaaaagtgt gaaactgggt gatttcaatt	780
agaggaagta cgactgtttt ttcgttttca tgttttattt atttctttgt ttgtattttt	840
tcgttttaca tttcgactcc atgagtctgg tcgtctgact tgcggacgag gaaggagata	900
aa	902

<210> 717  
 <211> 64  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 717	
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attc	64

<210> 718  
 <211> 526  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 718	
cttggtttta tcacctctc tctctctcta tcgcgcgcgc gcgtcttttg tggaaacagg	60
tataactggt tggcgtgagg gagcacgaaa ctccagtgga gacttctccg catcgccagc	120
gaaacaaacg atcaaaatga atactctgat aacgtgtgaa ggtgagcaac aaaataaagt	180
ataagaaaat accgccacga aaacaacaac aatagaaatg tcgacgcacc cttttctttt	240
tctcgcaaag aacgaggaaa tggagaagcg caaaaccaca tcccgttaa agagtccttt	300
tccccgctg gaagtggaag gaaaggcagc ttaaagagga gcgggtggct tccagtatgt	360
ggaaaacaaa gcagacgcca ttggaatgcc cgtccgttct ttgatgttgc taagccggac	420
atggcaattg ttgcttttgt tttcgagagg ggggtgtgaa actcataaat atcagctatg	480

gcgaggggggt ggggggcagt ctttgctgac gtaccgactt ttaatt

526

<210> 719  
<211> 143  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 719  
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ctttcaaaaa taaaagcaaa agaagcgttt ggattcggtt ctgatggctg gataaatgaa 120  
aaaaaatcag tcagagccaa caa 143

<210> 720  
<211> 110  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 720  
ttctggcgaa tgcaatgaac tcggcttggt tatttaaaaa taaaaatata atttgcaaag 60  
aaataaaaag atcgcagaac aaaaatcgaa tcaacaaaca aaaggaattc 110

<210> 721  
<211> 1070  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 721  
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tcggatcgta acgactaccg actaccgaca tcgacgacat cacgcatcga gggcatgatc 180  
ggtgtgcgcc tgctgttgct gcattttctt caacagggtt cttagcgatc gcttatctgg 240  
tgtgtgtggg gtgggtctca acgcccagca ggccgccaac cagaaaccgg agaccgcgga 300  
cgggtctcat tttttaccga ccgctttcct aaaacttgtc aacttgaaag agatcacccg 360  
aaaaatcaaa ttaaaaaaaaa aaaaatcatt tacattttca ttgattttcc cccacttggc 420  
ttacattttc tccaagggaa acgagatacg actatcaact gtcttttctt aaaacccaaa 480  
ggcagtcaca attccgtatg cgttacggaa cgcatttatt ttcgtgggtc cggtttaaag 540  
tccataaatt tgtaaaactcc tcaatatgca agccgcatta agatcgttga tgggtgcagg 600  
agaaacaagt tttggctgca caaaagggc tttttaaaat cgaaacgctt gtaatgtaaa 660  
tgaaaattgt gtttaaaaat actttttaat ttcctcagtt ttcaatttgc agaccttggt 720  
cgagttccct cattttctaa agtcaataac ctgtccgata aaaatattct ggcaagacct 780  
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 tttctgaaat ttttaagcaaa gtccaatagt aagagactga aaatagtttt aactcggaaa 1020  
 atctgtcgtg gatttggttt tcttaatatc tcgacgttcc aataatataa 1070

<210> 722  
 <211> 765  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 722  
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 acacacacac acacatatat atgatgtgcg aggcggacag aagctgaaac tgatgcgac 120  
 cggacacggg tcttgtgttt cagttctctg tgtggcatgg ccaccgtggc cacgttggac 180  
 atcgtggcct aaaaggacac acacgaagcc cttttggccc tatgctaatt tgcacgccat 240  
 aatgagacg aatgtgccga gtggtggcat gtgaagtgtg gttgcagttg ccgtcgtgca 300  
 cttagagaaa aaaatgttat cgatcaagtc catttgtaat ttaatttatg taaaacgtat 360  
 atataacaga ccaattctca aatccataat tacctcttcc aaggatttta agaattaatt 420  
 tttaaactga aattactcta taaatctaaa ctatttttcc ctgtgcattt gagtagtggt 480  
 tgctgttgca gttgcaattg ttgcaagtgg ataactgtg cggcccgta tggatcgagt 540  
 ggaaagaagt gggaagtggg tgaagtggat ttgggagtgg ggggcgtggc taggagagga 600  
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 gatggggccg actgccagag acatgtgttg ctggttccca tatggctccg tagttgggat 720  
 ggctaattgcc gccgacaacg acaacgcccc atttgatca cacac 765

<210> 723  
 <211> 568  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 723  
 agctactctc tttcgtatc tcacaaatac acgctgaaat ggttctcgta aagagaacgt 60  
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 tgccgatgat tttgatttcg ttacttttagc cagcgtccgc gtcagttcgc tctatgtgat 180  
 tcagtgttaa ttttcataat attatgtaat agcatgtgcc gccgcctggg tgcgattcta 240  
 ttctatgccc taccttaacg gcaattatat agtaatttac ttgcggcgat ttaatggatt 300  
 tagtttggtt ttctacggct tccagggggc actttgcgaa agttcattga actcgacagt 360  
 ttatataaga actgtgcctt aataattagc tctgtgctaa ggtgctgaac gtcacgtcat 420

cgcttttttgg gcctggtgat gtgggaaatg catttcgagt gcgtgatatc tgtggcgctc 480  
 ccagtggtta agtaatagat actgtagttc ttcttctctc tcttcttggc ccaccagta 540  
 atcccaagac cgcgaagaag agagggtt 568

<210> 724  
 <211> 580  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 724  
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 atagccaaag aataaagcca gaacgacgaa agcaacaact tatacttatt ttaaattacg 120  
 ttcaattaaa tgcgcttcac ctacaaagtc tgcgacagtg acgtcaatat cgaaaataat 180  
 tgataacctt cgatcacgat cgggaagaga ttgtaacaga cttgctttga tggctcgcat 240  
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 gttctctgtc attgccgttt tttatcgctc cggcgccctc taccctcttt tatacataat 480  
 tcaatgataa aatgtcaaaa atcaataaca ataaataaat gataaacgag agtatcactc 540  
 ccgtctttgt attccaccaa aaataaatat cattccgttg 580

<210> 725  
 <211> 403  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 725  
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 gagagagacc actgggctcc tgtttgctc tccgccttaa aacgtgtttt tcacaactca 120  
 caaaaagttg taaggaatgt ctcataaaaa agttaaatta tttacacact cgaagctgaa 180  
 gcgcacaata gagcacaaaa tattcagaat cgcaaaatat tccatgattt tttttgcctt 240  
 tgttccagag ccataattac aagaccgca aggacagcaa taaaccaaac aaaaatattt 300  
 attgaaaata aattcattct acattcaact tcaacgactt tgactcgaca cttaattggg 360  
 aataagagca aattatcgtt aaaaacttat gtccattgtg ttt 403

<210> 726  
 <211> 465  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 726  
gacagttcgt gtcgcccgat ttgttttagga tgttgatatct gacaactgag tatttgact 60  
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agctcagcaa gagtgacaaa tgattttctcg caaatcgaag gcacttaatt tgcaatttaa 180  
gcgtatccat gcataattgc agtcaaagtt tattcaccgt aaaaaaagag ggaacgcca 240  
gcttagttaa aatgcacgaa agaagtaatt aattcatatg ataaatcaaa tagagcacgg 300  
aagcagtga tgcgtcgggt acagaacttc gattgccctt gcaaatgtga ttggatgtta 360  
attgggcatt aaagtacaaa acttgaacat ccaaatgagt tgggcatatc aatatatcgc 420  
atattctggg acaatgcctt acatthttgcg caccttaatc gaatt 465

<210> 727  
<211> 52  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 727  
cgcggcagtg tctcattgat cgctgaaacg atgatggtaa ttcttggaat tc 52

<210> 728  
<211> 490  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 728  
tatacgccat gcatattcac agacaaatgt acaagtactt ggactagact gcatatattg 60  
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agaacatact 490

<210> 729  
<211> 1153  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 729  
gtctaccact agctctttgt cttcgccttc tagtctctct catcttgga gcccgttcta 60  
gtgcgcgtat ttttagtcgc aacacattgc ccaatcgcg agccgctatt tgtgtcgtcc 120

atttggttcat	tcacgaggct	ctttttccga	tttcagtgagg	tggcatttaa	caataatccc	180
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tggtttcata	atattagcta	ttgaaaaaag	ttcttaaatt	taagcctcac	tcgattctga	300
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attaaataag	tgggcggaca	atgagcta	at	cttcttttagg	gtaaaaaaag	1080
catataaact	aatccagtgt	gacaaatctg	gatatatata	tcatataatt	aattattttc	1140
atgacaacca	ggg					1153

<210> 730  
 <211> 1144  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 730	
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<210> 731  
 <211> 858  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 731	
ttctgcacat	aaacaaaaca aagccgacca gataacagtg tgaccagaac acgagagggga 60
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aagtgtgca	gacccgaaaa gtgtacaggt ttatttttag agttgccgga aatgtgttga 660
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<210> 732  
 <211> 882  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 732  
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 gtagaatgat tttttacata cataggtcag cttaaaacaa ttgtgaaata ctacttaata 300  
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 atacataagt atgtatgtat aaaaatagtg aaatgcttat acaggaagcc tgtattctta 480  
 aaagataaat atgattaata tgtataaata cagagaaagt aaggtaagta agttttaatt 540  
 ttttacctaa ttaaaataat tggtttgaaa ataattgtac gcataattta gtgtgttgtg 600  
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 <211> 532  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 733  
 ggcccgagca gctgacagtt gcgcttcagc attagaccaa agtagtttga ctttttagtt 60  
 tttagccgcg aagcgaatag tatatacgtg gctctgtgtg tgtgtgcggt gtgtgttgtg 120  
 gcagctgcac ttgcagcgag agacagaaat acatttcgta caaaattccg ccctgcattt 180  
 agtatatttc accttagagc gtctttgcca cacacacact tgttaccact cacacactgg 240  
 caagcgagaa caagacacac acgtggccat caaagcggta tcggttcgag tcgcgtttgg 300  
 cctaaaattg taaacagttt tccttttaca acaacgaaga ataccagaag aagcaaagcc 360  
 aaaaacgcag cttgcagttt gacgtcgacc gccaaagtgt agctgctgcc atcgtgctg 420  
 cagtcgcccc gacggtccgt tttctgtttg ggccatttg ccggttgcca gctttcagtg 480  
 gttcatttcc cattcgagtc ggcaacaacg agccggggaa gtcgcagagg cc 532

<210> 734  
 <211> 113  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 734  
 ctgtggcaca agctaaagag agaggatgag agcgagcgcg atcgaagaga gagcgccagc 60  
 tgctcccatt ggagcagcta acgtttccaa ttggaccagc tcaaagggaa ttc 113

<210> 735  
 <211> 1145  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 735  
 ggctgatgca acacttgcca cacgttgcaa cagctgtttt agtctggccc agctgattcg 60  
 tattgttggc ttgttgccag agactgcgaa aatctcttgg caacatgtag ccacaacttt 120  
 tggaaaaactc atagtgttgc taaacatggt gggcgaaatt ttcacaccga tgcagggcaa 180  
 aaaggggtgg cttaaactgt agctggctgg ctggctaaaa ttagccgaac gatgattcat 240  
 tttgggggtt gtccacttac ataagatgag ctcacccaat gtgaaaactc tttagtcgct 300  
 ggaagaaatt ccgcatttcg acacagaaaa gcctaaacaa gcagaacgaa catttgtttt 360  
 ttagatgtat aatttttcct catacattca aaacatacaa tcgcattgca ctttgcgatt 420  
 ggccctgaca ccctgacgtg gttccatttg gcgacactgt tcttgctttt atcttctcca 480  
 tggcgcaaga taaaatcaga aagtcaacgt gttgatcacc taatggccag agtcatgcaa 540  
 accaaactct tggtgattta aatctatgta tgtatttcca tgtctgtcac aaaagaatac 600  
 tgcttattat tatatggcgg ggtataattt accaaagtac aaaaaatgtt acaatacaat 660  
 acagttgaat atatactagt taaatttatg ttttataaca gctgattggc tgtgttttaa 720  
 tggtttataa atgtaaagtg tttttaagc attttaaatt ttaaatgaaa catttttttt 780  
 gtggaagtgc tgttttttat cctgttcaga tatatatctc tgatatttat gatgattcct 840  
 taatcgtatg acagtacagt accctcacac tttagttctc tttatgggtg gttgactgta 900  
 gtcaaaccgc tcccaaagaa agtcgggcaa agtggaatgt acctaggcgc gctcccgcgtg 960  
 agcatttggt gtgttgatga gattaaaact ggggaactggg gaatgggaat tgaatgccgt 1020  
 cttaaacaga gaacggagaa atgagaggct ttgtggacac ttaaaagtat gcggctctct 1080  
 tgaccgactt cagtcgctga cgtcgctgga aaatgcttgg tttgcggccc aaattattga 1140  
 attgg 1145

<210> 736  
 <211> 447

<212> DNA  
 <213> Drosophila melanogaster

<400> 736  
 gactagcgcg tctacgaaat gccgaaatca gtggtggcta atcctgcgaa tagtcacgta 60  
 caatggtaat gggatcagtt tcaatttcaa ctgtaactac aaattaatca taatttactg 120  
 tataacaatg tattttttcc ttgttaatgt aattgtaaat ctacaagggc atttaaatat 180  
 tacacaatta aaatctttgt tctggtatct acttcgaaaa actattgtat attacgaaac 240  
 accggtacat acgctgtatg atctgagtc ttttaacacaa caattttaag ggtagatcaa 300  
 gaaaacgatg cttcaatttg aaaattttgt aatcgaagca atcaagttgt acatttttgt 360  
 gactgaatta gtagttatat tggtatcaca ttctatttat attagctaaa atgttaaadc 420  
 gataaatatt aagttttcgg ggaattc 447

<210> 737  
 <211> 551  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 737  
 gtctgtgctt gctcgccgcg ttcgaacatc gcgcgtcgaa catcgctgcc ggcgtcgctg 60  
 cttggcattg gcagcgaagt tggagttttc ctccactccg attttccgca cttcttcatt 120  
 ccgtttttcg gggttggtgg gtggtggttg gctgggtttc actttccacc accgccgcca 180  
 accgctcgct tttcattcgg tggaaaactg aacagatttt tggcgctaaa atgagaaatg 240  
 gtgggggaaa attgcggaag gggctacaaa aaaagtgtct aattcactag aattttccac 300  
 tgtaggccag aatttggtac attttccac tttacaacgg aacttttgat agcagttaca 360  
 tacttgatta gattaaatgt cttaaaaata tatgtaggag tttagacttt tgtaataag 420  
 cttcatttcc atagaaaatg tttctatcaa gccgtatttt ctttaaacta ataagaataa 480  
 taataacatg tttctaactt tatagccaaa aaggaatata tattctccta ggctttggtt 540  
 ccaaaattaa a 551

<210> 738  
 <211> 885  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 738  
 cctcgtctct ccgaataaaa gtaaacaag tggtagcggt gccacgcgac atgactcggt 60  
 cggcgtgcc acatccgccc atttttcagc tgtatggccc ggcgggttta atcttgataa 120  
 atttcttggc tgtctatcga tatgatagac aaaacaagaa atgcgccccat atcggtgttt 180  
 aaatgtgaaa acattctgaa gacgcgaata ggggtggtta ataaatagtt ttcattataa 240

agggtataaa atcacgaatt gtaatttagg tggagcactg aacttaatag tctaatagata	300
acagaataac gcaaaattca taatgcaatg taatttttgt aacgcattct atccccgaga	360
taataatctt tcaatgatct ggcactcactg ccacgtactt tttgtaaatt tacatgtaga	420
taaattgaca tttttcttta ctgataaacg gagatgattc aaaattaatt ttaaactcaa	480
aaagcaaacg tttgataaca acacacttca gtacaatgct tgctactaca tcgtcataaa	540
taactagaac cgcagttcgg acagcttttt ggtgacccaa attctgttca aatctttaat	600
gataagcgga agtgcattgt ctcaatacgc aatgaaaaag atctcacaat gtttacaact	660
taattgagaa tgtatttgcg cagcgacgag tctctcaatg aaatgcgcct gctttcgggt	720
ctgaatgaat ggaatgcatt aatgggtcga aagcttcgga gctttaacct agattggcat	780
ttgaccggct ttatcttctg gtttttggag tgtcgataat cgttatttct ttgaatagtt	840
ctatctcagt caataaatcg gttttctgat taggtttccg aattc	885

<210> 739  
 <211> 1083  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 739	
gtgcatatgg tatcaactct ctccgccttg tggttgttgt tgcgctggc attggtgctg	60
ctgttgcgta gtcgcatgtg aatgctctct aatctcgcaa tgcggtgaa ctttccccc	120
cctgtacgtt tttattttgc agtactcgac tttattgtta ttattatttt tcgcgactct	180
cctctccgct ttattttcta ctcatcgct accgtgtgta tttgcttttg cgcagactca	240
gctcgctgc ctgatttttt ttttgttctg ctcttttcga ttactttatg tcatagcata	300
gcgacaacaa caactacaaa taccgatgac aatgataaca gcagcgaaag caacaacaaa	360
tgacaaggac ggcagtggtt aaaaggggac agacaatgtg ttgtgggggg tagggactct	420
cttcaaactct tcaagcctac ttattacagt gatcgtaagg tttgagaatt taacaacgat	480
aaatatgata acaaactttg caattttctt atacatacat acatatataa taaatggatt	540
gtttaaaaca aaatccctta tgatttgcca ccgcccctgg aaagtgcaca cgtgcaattc	600
tgccgctgcc tgccttgggg caattatttc caatttagca aaacaacaca agaggagcag	660
catggaagct gaagctgaag ctggagcata ggcattccaa gctatagatt ggcctctgtc	720
cgagatctgg gcttggcact gctcctattg tctttccatc ggttcattgc ccgatgcaca	780
gatgcagcag ctctagcatt atactataaa accacactga gaaaaaaaaa ccaaatttaa	840
ttgaacataa atataaaaaa ggaaagcttt gacttaatta tgctccagat acatttctca	900
cttatgtatc ctcttagtg gaaggtcttt taatatataa tgtatatcta atattatata	960

attataatat tataataata aattccgcat aatatatatg ctttaagtat tttctctcta	1020
catacaataa ataccacatc aattttctgaa aaacacctcg atgcattaat tttgaaatcc	1080
cgg	1083

<210> 740  
 <211> 1796  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 740	
gaattccctg caatacaagt acattttacct tcatattgtg gtaggatgaa cactcataag	60
gcccactgta ccatgtagta gcatcaaaga cactagaata ttctagggtc tttggtagca	120
tagtcttagg tatgaagccc atagtggcag agagaagcat atgatcatat ccccgtagg	180
aataagaata ttattgttat ctgctctta cttataagct agcgttaaga gataagaatg	240
tacacctagc tcactcacia acgcatacac acttcagaga gcataagaaa agaggaatcc	300
gcgagacgcg gcattgggtg gcgtgtgctt aaagggaaaa gtcgaataaa ggcattgtga	360
aattatttaa aggattgagt acatatattc atttttcggc gtccacaata ttaaacgtta	420
atcttatagt aaatgttcgg cataatgtat gtatgtaacc ggtataagga agcctttccg	480
actccatgaa gcatataaat taatgagcag gtctagacga tctggccttg tcagactgtc	540
catttaaagg tcgagatctt tgggtactatg aacgctagaa agttcagatt atgtctgcag	600
attatagagg tctacgccgc gcaagaatgt tttgaacttt acatacccag actaacgact	660
accagccgcc caaatctgtc gcaaacacia ctttcaaagc ttaccctatt ttattatttg	720
ttttgccatt accttaacgg aacaggatat caacagggat attaatcggg catgaaacag	780
tgacaggccc agtctgtcag gataataaac caggatacgg actttccgcc tcagcctact	840
atggccacat atgccaacac aacgatgtca caactgtcct ttcgaaatcc gttgaatagt	900
ggaaaaaatt catttccatt gaggtacaat tacgaaaatt ttgaagtgtg cacaggcagg	960
ataatagctg gcaatgcact gaataatgca tgcgtaggtg gtgcctgtgc tttcacttcc	1020
ccaattttctg ccacccacg tgaacacgct tttatgcaca aattacctgt cacttgtgct	1080
tacgtgggtg tagttgttag ttgtgtatgc cacgcgagtc cacactatca cactctctca	1140
cgcgccccgaa atccggctcg gaggacaaaa gggctcatgg gctggaggaa cggaagtggc	1200
aatgggagga ccaaggacag acttttgtga cagctgctcg ccatacatc tgcactctcg	1260
aagagggaaa aatgtatttt ccgcatttgc ctgctgatgc tcttttagcat ccttttctg	1320
tcacacgaca actctctctt ttccattttc acgaatgtgc aactgtgcgt gcaatcgttt	1380
aattaacacc ccaatcatca aaatgccagc atcgatgtgg gcaattgcac ttagaaaagt	1440

gcacctactg aaacaagaaa taatttttga tcagaggagt agattcgtgc tgagaaattg 1500  
gtattacctc atgaatttta aagaatatca cgcagaactt ttagtatat atggaaacac 1560  
gaggtattat agttttgcca tatacatttc cccagtgtga catagttggg aatgtaggta 1620  
aaaatccata taaatataat ccaatttggg tgacaggagt gtacggcaaa cagttcacca 1680  
atcgaccaat cagtaatgaa tggcaatgac cccacttctt aggtagtact ctcattaatc 1740  
gaaatatgac tgttcgtttc tgccataaat atcccctagg ctggccttggt gcatgg 1796

<210> 741  
<211> 819  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 741  
gctcagcagc tgacaaagga gagcggcgcg ctctcccgtg cgccgtcgtc ctccggcgat 60  
ttccaggacc catcctgttg tcctgctaac agggccgctg ttaattaaca gccgtttcga 120  
aaacccattt ttggggcagt tcgagttgaa gtaagaagaa ttacttgctg cagggcactt 180  
aatcacatca gcggagcagg agaaggattc agagagagtc actgcgaagc cctcacttga 240  
ctcaactcat ctatttcgtc ctgcccctcg tcctgtcgcc cgctcctggc cctcctaagt 300  
gccttcactt ttacttttcg gtctctggct tttgtgtgct cattttcgtt atggcgtttt 360  
gtctttgtct cacttggcct aaatgtgtaa taccctataa tggtcgttta atcccatcga 420  
acgtgtttta agtttcgccc gccagcttag ccaagtcagg cggagtcgga tcgcactcgg 480  
attggagtag gattcgaaaa cgggctgttg tcgcactcga tggagttgcc tttagcctgg 540  
gggcaatgca gttccacttt cccgcttcgc gcatectgca gtccttcat tgccaattag 600  
cggcgcagta attgtatatt gctgcaaata cgcaaatcaa ttgaatattg tctcagcatg 660  
cacatgtcta ctatctactt gtgtatttat accgtataca acttaaattg aaattttggg 720  
ggaattaaaa tttaaataaa acccaattgg cttggtaact gttgataaat aaattagata 780  
ggaaaacggg taaacaatat taatcgaata aaaagcctt 819

<210> 742  
<211> 1003  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 742  
ctctcactct tcgtttcctg atcatagttg ttcgtgaact ttccgcagc caaatacctt 60  
tggtgtgtgc gccgctattc taaccgaaaa ttctcaagag gctgagtttg gaaataaagc 120  
gacaaaaagg ctggtcagca tggataagag cgcacgcaaa attataagat gatgtaaacc 180

actagtcagc	ggagatcacc	ccgtaccggg	gttctggaaa	gcctctaact	agagtttcca	240
ctttatttaa	ccacttacat	agatacatat	gtatgtatat	tttgtgggtg	tttgtaccac	300
taggggtgca	aaataggagt	tgccctaagtc	ccaaatcgac	gtttcgcact	tcgtttatta	360
gaataaatta	tatTTTTata	taaaggggga	actaaatcgg	agttgtatag	tcttcacacc	420
gaacatcaat	ttcatgttca	tacggacgag	atTTtagtaa	taaaattatt	atTTTTatac	480
atTTtaaatt	gaaattatag	atataataaa	tcatacaatt	tttaggtaaa	acatttgtat	540
aaaatttcag	atgcgtagta	ttaaaaaaaaa	ctgaaaaatc	ataatccttt	ccttaacttg	600
ctgtagctct	ttggttgtac	taactTTTTc	taaatgcacc	cgatccaacc	caatgagaag	660
atattttctt	cgacacactc	aagaaatcgc	gcaaaaagac	aatatatata	aatatatatg	720
tatgtatatg	tatgtatata	acagcaaaca	tttataagcc	ctaaataaag	agaaactata	780
taaattttgc	atttgaaagt	tgaactttgc	ccacgtgcaa	atcgatgata	aaggctttgc	840
aggcttcgca	accaaagtcc	acaattgaac	aacatacatt	taaaattttc	accaacctct	900
cagttttctt	tccaaagacc	atcaattttc	attcccaaag	cctgggaaat	tgcttagaag	960
ctggcaaact	taacggccta	ataagcgcaa	ctttacttac	ttt		1003

<210> 743  
 <211> 384  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 743	
gatcggggcg	tcgcgataat ggcaatcgat cgatagtgtg atcgatagaa atactggata 60
agcacggatg	cgcaaatgcg gccacactgt gggcagcgat cggcacgcga cggcagcgcc 120
ggaatatcgg	tagtggcaac gccgttacga acggagaacg gagaaggata tgtgaaggggt 180
caagatgccc	cgctcgagatg cctaacgaca ggctgagacg ccaaggctga gaccagaagg 240
atgcaggaca	aggagcggaa gaagttggaa ggagcggagg accttcaagg atcatcaagt 300
cttaaaaactc	cccacaaatc ttcgtgtagg gggagccggc ctaacataag ccgcggttgc 360
agggcaaagc	ggagagaacc gtga 384

<210> 744  
 <211> 1040  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 744	
cgtctgactg	agctggagtt acagtcctac ctggataagt cttccacaaa agttatactt 60
atacatttcc	cagctatgaa tttcatttga tttttactaa atcacaaattg tcaaattgca 120
atgagatcgg	ttttgcctct tttcgtctaa tatactatga agtgtctcat ggtaattcgt 180



tcgctaagaa cttccaatca ccgaagtcgc actgtggttc gttgggctct taaaatgagt	240
gagcgagtga gcagcagcag cagaagaaga gcagtccaat aggagcgggt gtggtgtgtg	300
tgtgtgtgaa gcgtgagaag ggggccgttg gccaaagcaac ggagacacaa ccaatgttgc	360
cagagacggg atacagcgaa gtatgaagag agatagtcgt acagagaaca ctggcgatga	420
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tgtttgtcag tcgctagatg ttattgctgc gttctctgtt gttttgctgt cctgggtgggc	540
tatgtatagg ccgcgtcgcc ttttggtcgc ctgaaaaaaaa acacgtttcc tgcaacaaca	600
gcaacttcaa caacaccaac accccgaata ggcaaagcca acaaaccac aaaacgcaga	660
cggcgacgaa ggagtcggaa agagacgggc ggaaagagat ggtttgtgtt ggtgtgtggg	720
gcagccttta aggccatata agaatgggac tgcaagtcg tagggcttta aatgccatt	780
atgagcccat tatccagggc gaccagtga cgtttcgacg aggaacgtgc cagtgggaagt	840
cctagttcaa gctaaattgc aaaatactat ttaaatactt tttaccctac tgctatataa	900
atttaaaagt taaaactttt aattaacatt aaatgtgtaa atgtgcagtt tatgactcta	960
gacttcagtt aggcacttaa aaattgttaa accattgggc aaagaaccag tgagacttgg	1020
aaatgataat tctattgcag	1040

<210> 745  
 <211> 519  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 745	
ctgtgtccgt ttctatttac gtttcttttt tcaacggcta cctcgtgtg cgcgcgcttt	60
ttgctttttc ctgtccactt tccaactccc ccttcccccg cctgctgagg aagccagcag	120
catgtgtgcg tgtgtgtata cgtgtgtagc tactcgccga agaagaagag aagaggagat	180
gacgagagaa gcagggcaat cggcgattcc ctttcaggct cacgttttgc cgctgccgcc	240
gcgtctcgtt tgtttttatt ttgcttggt cctttttcga ctttttggtg ttgctgtac	300
tttgtcatat aaggcggcac gaacacttgc atccgctccg cgggtgtgtg catgtgtatg	360
tatgcgatac gttgcgctct agattcgggt ccatttttta gcggcgactt tactaataga	420
tatacgtagc tacacatcga tgtctaactc aactcctccg atcgacagct attatgtggg	480
gggttcattt ggggtctggt tgggtgaatt ccgcggaat	519

<210> 746  
 <211> 597  
 <212> DNA

<213> *Drosophila melanogaster*

<400> 746

gtgcgggtct ttggagaatg tctgtgtgta tctctttggg tgtggaacgt atctgtggat	60
taaagaaaag ggctatgatc cggtttaatg tctggaactt ctgctgagga tcaaaggaga	120
tgtgccacat caaacaaagg gaggaatttc atcatgaatt gaaaatgaat ggggagaaat	180
acaaatgtag aataactaaa aaaaacgaaa tctgcaattg ctgcaaagaa tcaaacactt	240
cctcaatcga tgcaataagt ctccacctat tcaaagattt tctcactttt gaagtgtga	300
aaagttgaaa agttcataac ttgagaaagg caacttcaat tcaattacct ctctctctct	360
ctctctatct ctttcgttct gcccgctctg aaaccaatcc gaaagatcat gtgcagccgg	420
tcaacaatgg catattaatt caatcaagag atcgcttatt aaacgtttaa acgtttaaaag	480
tgacaaacat gagaccccg ggcgaaagt ccacagagat cactccatta tgcgactact	540
ggactgaact gactgaactg cactgaagtc ccgagtgaac caagaatatt ccgtgaa	597

<210> 747

<211> 99

<212> DNA

<213> *Drosophila melanogaster*

<400> 747

cgttatccca ccacgctagc aaccttcgca aaaacgagcg cgccgtactt accacttacc	60
atactacaac tgaaagtggg ggggtttttgg gtggaattc	99

<210> 748

<211> 580

<212> DNA

<213> *Drosophila melanogaster*

<400> 748

cctcaaccgg tctgctgctg cggcgctctg tatgcatgtc gcccatctgt gcgcctcctt	60
gtgtgcgtgt ggttgtgtgt ttgaacaatc gaggtcaatg caatagtggc aattaagaaa	120
agtcataaaa cccaaaagt ggttgtaaaa actatcttac aaaacaaact ataaaatgta	180
caatagctta atgattggca ctagaattaa atacttatat gtattgttat caaaacatat	240
gtattacaat gaaagtaata tgaattacta ctaaacgcca aacacttcaa tagtttttta	300
aggtaatat taacacacat ttttcatttg aatttattaa ttttctcaat gtttacgctc	360
tgatcttact gcttatgggt tcgcccctcaa ctgtatgcat ctgcataagt gccgttgtgt	420
gtggttggtg tttctgtttg tgtgcgcttg tcattcggct cgtaaaaaat gctctgccga	480
cgttcgcagt tggcgttggc ggcttcttct ttaactctcg cgcattattt cgcaaagctc	540
aagcctgctg cttcttcttc tgcaccccc ccccccctctg	580

<210> 749  
 <211> 1036  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 749  
 atttgccgga tttgcttcga aatttattag ttcgccgtgg gctggccaaa aaaaaaaaaa 60  
 agaaaaaaaa gtggaaacaa taaatcgttg gattttttctc gccatacgcg catattccat 120  
 atatattgta tttatatttg gtcgccgtgc ttttccttac gagccgaggg acatgcacat 180  
 gcacacatgc tggcttttaa ttgaaatgaa cttaaattag cgcgagggtta ggcaaattga 240  
 aagtaaatat gcgacacgaa cgagtatcgc gataaagccc gcgaaaaaaaa gaggggtggg 300  
 aggtccgatac gaaatatgct tggagattag cccgaatagc aaatataact aactagctat 360  
 gctactgtat tttatatctc tagtacatat atctccccga tcaaatcgct gcctggcact 420  
 aaagcgtgaa gcacatagat aaccgcacct agccgctcca acatgcacag cagcaccatt 480  
 tagttgctgg tgtgtccgtc gtcccaaagg cacataaaat aatcaaacaa ttgtcaatta 540  
 tcgaaggcat agcatttttt ccatatagac acacataaat atatacatat atatataagc 600  
 gagcaactac gacacgctcg ttgttgctgt tgttgctgca atcattatta ttttgaggct 660  
 acacacacac acacacacac acagcagcaa tggcaacagc atgcatgtag atttcgcctt 720  
 gcctcgctgc tgcgagtgtt ttgaacttta ttcagggtcaa ttacaaatac attaaagtgc 780  
 cagtgttaca cacagatact catggcaagc tgttgactaa aataatattg gaggctacac 840  
 aaaatttaca ataacaacga gaacaaggcg gacaaggaga ccagagacta gatactagag 900  
 accagagacc gaaaggcaag gggttgggag gggggcttct ggggttgggc ctttggtagg 960  
 agttaaacac ttggaccagt tcaaggagcc ttcgacttcg ctcatgagag tgggcgcgtt 1020  
 agtgggccgc gcttgg 1036

<210> 750  
 <211> 1091  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 750  
 gttgcggtgc agccttttgt tgttattggt ttgcggcggc aagtgccggt tctctgctgt 60  
 ccgtctccct cactctcacc cggttcgcc cagtaacaac aactaaagca caacaacacc 120  
 cggcacttaa acagcgaatt ttcaagggga tgggggtatc tacaggagga ggaggagcag 180  
 ggaactaagt gggaggggag ggcgaaaaag gcgcggaatc tgagtacaat gtttttacgt 240  
 tatgtgtgtc agtgtgtctg ccgttctgc ccttttttta tattctttcc ttcgagtggg 300  
 acttggcaaa tcctcagtga actgaatgaa gtgcgaccaa gacgaaaccc taaaaagtaa 360

cagtaaatat tgcagcctcc ctcccacgca cacacacata cacacacact cccaaacgaa 420  
 tacatgtgca caaaacgtga cgagcccctc tccatggaat gagtgggcag tgggtgtgtg 480  
 gaatgcggtg gggtaggaga ttgggggagg gagatagcta gcacaaagcc accagcgaca 540  
 accgcaccaa caacagcatg aaacacatgc cgtggaggcc tgcacatgga aatactccag 600  
 taagtaagtg tgtgtggggtt tggggtcgat ggaatcaaaa tcagtgtcaa tgtcaagaca 660  
 gctctaaaat aaaaaaaaaa tacataagga aacccttggc gataagattc ttggtattca 720  
 gtctttaaga ggttgccttt aggcacaatg acaccatttc tggtgcaaca actagatcat 780  
 ttaatattct tttcggaaaa tggttatttt gttacagaat acacaacatt tattgtgtcc 840  
 ttttcattaa gtttctatcc tggaaggcgt ttaagctacc atccagtttt tcgttacttt 900  
 aaagccgaag gttgcccccg caatattgag aataaatatg aaataagata ctataacttg 960  
 aaaagacaac cgcattttct attttcggaa gctgtgaatt aaaacgaatc ataaaaacac 1020  
 tgcttttggg aaataacttca aggcattcta aacaacgtat tacaccggaa caaagtatta 1080  
 caactatttc a 1091

<210> 751  
 <211> 495  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 751  
 ggcgtgagtt tgtgtgcatg tgtgtgagtg agcacgaggt gtggcgaggg tgaaaaaac 60  
 taaaaagaga ggacggggag caggagggtg agttggggtg ggaggcgcta tttattcgta 120  
 tgtaggttgt gcctctccag ggaaaattct agaaaatgca tttccttttc gaatgagtct 180  
 tagatttgat acagaaacag aaaaatgttt ctttttttca agttttttaa agtgtttcac 240  
 ttaccaagtg cgtgaaaaga ttaacattgt atttaattgg aattaaaaac atttccttgt 300  
 attttttaga aacaatatat ttaagtttgc aaactaaca tattatttat ttaaaggaac 360  
 atacattaat aaaggggtat atggacaatt tctttagtca ttttgcttaa attttcaacc 420  
 acataactgg gctaattttt tccacacatt tccattttac acctatttca aaccaacact 480  
 tgcccaaat taccg 495

<210> 752  
 <211> 466  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 752  
 gcctgcgctg tgacatgtaa acaacttctg cccggagagc ggccctctct ctttgctct 60

cagctgtttg gcgtcgcccg cgatttcggt cagctgactg ccgccgcacg cagcgcggcc 120  
gctgcgctgc tgccgcgatg ccagcgccga cattgacgtc tgcgtctgtt tgcattgcaa 180  
ccacttgtgg ctgtctgccg cattgttttc gcatttccca cgcattgtgac tgagcccgaa 240  
gcttttccta tggcttgacc gccgaacgct ggtctacgca ccggttagtc cgataactga 300  
tggttttcag agccgtttgc aatcgtctga ctaacttaaa tcgccc aaat tgacaggccc 360  
gatatcgagc gatcccgct aagaccataa atgtgactac gaaagtgagc taggtcagtc 420  
catgctatat gctgacaatg aaattataat ggtaaattgg aaaaaa 466

<210> 753  
<211> 556  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 753  
acggaaacca aaaaaatttg tgcaaactta gtgctggaac aaaaaacgat gactacgcgt 60  
tttcatcgat gggggcgaat atatcgcttc accgatgttt gaatgactat agcaactatc 120  
gattgctacg attttttttc gaacaaacaa ataattataa gggatttaat aaataaatta 180  
aagaaggttc aagaataata taaaacttat gatagtttaa cgaaattatg aaatataaat 240  
atagaaatag agtgtagatc aatgatattc ttctgataaa tcttttttat atcatatatt 300  
ttatattctt ttatttatta ttcatacaat tttatataaa ttacttcatt tgcactttcc 360  
agaagaagca gtttctatc ggaaaccgc agttaatgta cggcaatcgg ctgggtgccca 420  
gggccattcc cccataggat ttcaggggag gcctccagca gaggaaccgg tcgacttggc 480  
tgcgaaact ttggagagtc agcccgatga ccatgggcga taccatctcg gagctgctgg 540  
cgcgaaaccgc accacc 556

<210> 754  
<211> 925  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 754  
agctagagca catgttctgt cgattcaata tttttctcga tagctcgacg tttctcttga 60  
tatcgatgtt gggcgatgtt ttgcaaaaca tcgcctgtag cgcttaacag cagtgggtgag 120  
tatgtgagtt agcagctgct aacaactgtt gtattgggag caaatttcaa aatatgctat 180  
tgtactgtag ggcacttccc aaaaatgaaa caaattgccg ccttgttttt taaaccacat 240  
tcaatgtaaa tatgtatttg ctgtttatgg tatagacttg acgtctgctt gaatataacg 300  
cttttttagta gctagtttac attcattccg tgatatatgc atgcatcgga ttctttatct 360  
tttgctggta gtagcctcag tatagtatat gttcaagttg ttcaactgcc tttgattatt 420

cgcaacacct ttgcctgggc gcgctgttca aattggtttg ggaatggggt ttctgattgg	480
gcttacacag gcgtaattag taataattaa cttaattgcg tagcgtattc attagtgggg	540
tgtgtaaaca attttcaggg cctcgtttg acctaaaact taacgatagt ccataaact	600
taacaattag gagtaaata atagaactaa tagtaggtaa attgagtgat tgtttctcat	660
taattggaat tgtagtatcc cgagatctcc tctggattat ttaggtaggt atatattctc	720
caagcagttc tatectcagt gaaatccaac ggcggtgctgg ataaatctca atgtggcatg	780
atgttctgctc gttcccgctc gctctctctt ttaaagtaat tatggccagt tgtatcggat	840
atgttggtatg tatatatata tatatatata gttaatatatt atgcaccggg	900
cctactggag ccgaatggcc atggc	925

<210> 755  
 <211> 1125  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 755	
gtggagagag aaataaattc tgctgacagc tggatgatga cgtcggccga ttggcttcga	60
taagggttacc gaaaagtacc gatgcgcgcg caggggtact agatccaaat gaaatacaat	120
ttaaaattcg aatgtataat aataattaca gtgttgccca actaataagt ccagttacct	180
cattgttcat aaaaagcatg accattgaaa atgtatttaa aatttgtatt ttaagcttat	240
atatttaggt agctatttat ttagtaagga aaagcagccg gttaataaaa caattttatt	300
gagtacgtat gccttaaaat gtcatactca accggtaaat tgtaacgggt tccagttcta	360
actgttgttt aaagtgttca attttgagat ttagagattg gaatagaaga actaggatgt	420
gtggacgggc tgtgcgcgat tgggttggtgc tattgaccat ggagaagtac attggtaaat	480
tcctggagcg gggctacgac agcattgaac gctgcaagct tattatcgta agcgatctga	540
tcattgctggg agtggaata cccgctcata ggaagctcct gctcgaggga gtccggttct	600
tgggtcaacgc acccgagcag ttcattctgca aggagccgtg tgagctgcat gaggagattg	660
aactgaaatt agaccgggat gttgagttgt ttgcttcgct aaagtgcctg gaaaatgttg	720
atttcctaga aacacctgtt ccatattcgc taacatctcc aaaaagacg ctcaaacctc	780
gggactcttg caaatggaat gtcaaagggt tggatcagtt accttccgat aacatattta	840
actaaataca aacaaagcaa aaaataatgc gtgtgataag gatctttata tatttttaag	900
aaccaataaa acgacaattg aaaagctgtt ttacaacact atcataatca accaatataa	960
tttgcgtaaat acctttcagt ttaaataaat acatcatatg tatgtattgg attatagtaa	1020
aaaaaaatgg ggtgagcaga ttaccaggaa ctcatactcc tgtgggtttg aattaatgaa	1080

aataacttaaa tgtaattaaa ggatcacaaac gcgtcacaaa tctttt

1125

<210> 756

<211> 1475

<212> DNA

<213> *Drosophila melanogaster*

<400> 756

gcgtgtgctt aaagggaaaa gtcgaataaa ggcattgtga aattatttaa aggattgagt	60
acatatattc atttttcggc gtccacaata ttaaacgtta atcttatagt aaatgttcgg	120
cataatgtat gtatgtaacc ggtataagga agcctttccg actccatgaa gcatataaat	180
taatgagcag gtctagacga tctggccttg tcagactgtc catttaaagg tcgagatctt	240
tggtactatg aacgctagaa agttcagatt atgtctgcag attatagagg tctacgccgc	300
gcaagaatgt tttgaacttt acatacccg actaacgact accagccgcc caaatctgtc	360
gcaaacacaa ctttcaaagc ttaccctatt ttattatttg ttttgccatt accttaacgg	420
aacaggatat caacagggat attaatcggg catgaaacag tgacaggccc agtctgtcag	480
gataataaac caggatacgg actttccgcc tcagcctact atggccacat atgccaacac	540
aacgatgtca caactgtcct ttcgaaatcc gttgaatagt ggaaaaaatt catttccatt	600
gagggtacaat tacgaaaatt ttgaagtgtg cacaggcagg ataatagctg gcaatgcact	660
gaataatgca tgcgtgggtg gtgcctgtgc tttcacttcc ccaatttctg ccacccacg	720
tgaacacgct tttatgcaca aattacctgt cacttgtgct tacgtgggtg tagttgttag	780
ttgtgtatgc cacgcgagtc cacactatca cactctctca cgcgcccga atccggctcg	840
gaggacaaaa gggctcatgg gctggaggaa cggaagtggc aatgggagga ccaaggacag	900
acttttgtga cagctgctcg ccatacatc tgcactctcg aagagggaaa aatgtatttt	960
ccgcatttgc ctgctgatgc tcttttagcat ccttttctcg tcacacgaca actctctctt	1020
ttccattttc acgaatgtgc aactgtgcgt gcaatcgttt aattaacacc ccaatcatca	1080
aaatgccagc atcgatgtgg gcaattgcac ttagaaaagt gcacctactg aaacaagaaa	1140
taatttttga tcagaggagt agattcgtgc tgagaaattg gtattacctc atgaatttta	1200
aagaatatca cgcagaactt tgtagtatat atggaaacac gaggtattat agttttgcc	1260
tatacatttc ccagtgatga catagttggg aatgtaggta aaaatccata taaatataat	1320
ccaatttggt tgacaggagt gtacggcaaa cagttcacca atcgaccaat cagtaatgaa	1380
tggcaatgac ccacttctt aggtagtact ctcatthaatc gaaatatgac tgttcgtttc	1440
tgccataaat atcccctagg ctggcttgtg gcatg	1475

<210> 757  
 <211> 848  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 757  
 cctcgtgcta attcatttta attcatttga ccgaagggtga atttgctgcg ggtgggagcg 60  
 agagcgcgag aggaagaaga agcagggcgc acatgtgcac tatagtaatt cctctctcac 120  
 tttgtttatg ttttgttttt gtaacgggtt atttcaattg ttgtagctta agctattttt 180  
 ttctaattgt ctatgaggaa gtgtgtgcaa gctctttgta gttgttttgt acttaggttt 240  
 ttttttttca atttttctat tttgtgcgaa ggtgtttcca tttgtaatta caattacatg 300  
 cctctgcctt cgagtgtgtt tgtatgtgtg ccccgtttgt ttgatgtaat catgggttac 360  
 aaaagcgttt tgctattgct attgctgttt caatttgtgc gataaggctg ttttgctcta 420  
 tgattttgcg taattacatt tgataatgtt tcaatgtgaa aacctttgcg gtaccaggca 480  
 tatgagggca atttaagttg actctgtagt tactgtagta atgtatctat attcataatc 540  
 aagtgcaggt tctttgcatt tgctagcaca gtgaacaata tataccctct attatgcata 600  
 ttgcaattcg aattcaagaa aaacaagaac gagggagggg cgagaagttt aaatagttat 660  
 ccacatatct tgaagttata aaagccatgg aaatgcatag cttaaacata ggaactgtag 720  
 atacatcgaa aatcataatt gtttcagttt gctgaagaag actgccccaa gaatatgcta 780  
 gaatttgagc gtataatata gacagcctct agacaattta attaaactta cacatgagag 840  
 atgaattc 848

<210> 758  
 <211> 527  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 758  
 ctgctgcctg cttcttgagc gccgaacgtt ttatttgtga ttttagcacg gcgctgagag 60  
 gtccacgtcg ctcatttgct ccgtgcccgc tcgacagctc caattcgaaa acgacgtaaa 120  
 cgccagccgt tcgccaagcg cgcgtaattc aaagttatca actcgaaaca ctgtttcccg 180  
 gaaaaagtgc acaccgttaa atgtgaaata ttcaatcaag tcaactggag aatataaaaa 240  
 aatattaaaa aaaattaaag tgaactgcat tatacacaga ttgatcagtt taagtagtgc 300  
 cagccatggg cgtccaagtt ctgtgatgcc gcttttgggt cgctcctacg cctggttcgt 360  
 cccgctttcc ttcgggacac ctgctggcca cctttctgat ccgcccacgc cgcccagtga 420  
 ctgactgaaa ggggatcgta ccgccctgaa caaaaactca aacgcgttac cttttttttt 480  
 cgtttccatc tatttggtat taaccgttgt gaaatgggaa cggccac 527



<210> 759  
 <211> 646  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 759  
 gttcaaaacta gactgattga gagacggaga gagagagaga gagagagagg agtgagtgag 60  
 tgagtgagta atcgccctgt ggctgttggt cgtatgcgtg catgtgtgtg tgtgtttttc 120  
 ccccaaaatg ggccaagctt tgtggacccc tcgctctcac tcacccctgcc tcgctcactc 180  
 ccttgacccg gtccttaccg cttcacaccg ctttagagtg ggtaacaagg tcagcaaatac 240  
 gagtgacccc cacaggagca tatctgctat gtatatacat atatatgtat atttgttgtc 300  
 aatatgctcc acaattggag ctaacattac acctcttcca attgggagtt ggccactggt 360  
 gccaatggg attcgctttg acagatatct tcctattggg ttttcagcca tatgcgaaat 420  
 atatacacac atatgtatct gtttttcttt ttttaagtgc tgtgctatct tttgttggtg 480  
 ttttgcattc caacattttg taaaaattac gattggcact cctctgtatt ataacgaacg 540  
 agaaaatgat ttgcatcaga gaacaacgtt ttgggaagta cagaaacgta atttgggtcc 600  
 ataaataatc aagttaaaat ttaatccata accgatgtca gtttaa 646

<210> 760  
 <211> 93  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 760  
 gggcgtggat tgaaatttgg caacgatcgc gtgagcagga gtaagtgaga gagggcataa 60  
 gtgagaaaga gatactggat ggtgggcgaa ttc 93

<210> 761  
 <211> 1064  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 761  
 atccagcctc atccttttcc ttcttgctgt ttttgctctt tctacaaatc gagaatttca 60  
 attgatgcta ttggcagatt tttagttaca tacttgagtt tctcgcttt tagaaccaat 120  
 ttcttaatgc gtgcatgac gtagtctgac atcgtcacaa aataggtaaa ttgttgatat 180  
 agttttggtt tacaacacaa taaacaaaca tgcgatacaa catcgcatat gagctggtct 240  
 atcggttatc gatattctac caataaatac tgtaagcgta cattttaaaa agtacggact 300  
 caaaccattc attaacttgg taaaaaaatt aaaatcaaata gatttttgat ctgtgagaga 360  
 taagacatat ttcactcttc atcacatata tatatttatt ctcgtaattc attatatatt 420

tgcttacaaa aaggaaatac aatcacggct gctggatttg ttaaactaaa caaaagactt	480
aaactaaaca tttgacttag atacatactt ttataaatga ttattataaa ttataaataa	540
atatgtgtaa ataatacggt tcaaatagct taaataggaa acatcttatt ttcataact	600
ttggaaaaag cgttggcag gtcacatata agcttgtaaa tatgaataaa tacaacaaac	660
aggatcgtcc gtaagtaa at aggaatgcac aaataaagta ttcaactcca tcacatatat	720
ccttcgacag agacattttg ccattggccc tgaaatggag agggatatttt ttttttaatt	780
ataaattcaa ccaacccaat gtttagattg cataccgcaa tgccaagggt ccctcctacg	840
cctgcaggat tttcctctgt aattccgcag cgctgcaaa tgataccatt gagggagatg	900
gcccacacct cggagcccac ggacaccgag cggaagccac aatgctgatc cgtgtgcggg	960
ggcacattgg cggcattggg ccagaactgc cagtgggagc cctcagggaa agtcctcgaa	1020
atctccttac gcacagccaa acgttgctgg ttgtccagcg ccca	1064

<210> 762  
 <211> 1345  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 762	
ggctaataa tgaatgaacg aggcggaatg cgggaagagc gcagagaggc gcaatgacaa	60
aatagttgta gaaaagcgcc ggcaagcgga actccacact ctttctcact ctctctttcc	120
accacacccc ctagttcacc ggaaaaagaa aattcgtttg cggcgggggg gtatctttca	180
ccaaaaagag agtgtgtgca aaacgctaga gagagagaga gagagagaaa gaactgacgt	240
cagttctgcc tccgtcgacg ccgctgccgg cgtcccaaag cgccaccacc caaaaaaacg	300
cgagaagaag cagaacaaac acacacaaaa attcgcacag tggagcagaa atcaagcttg	360
tggcaaatat attacttcat tcatcattcg acgggccgcg tttggctctc tctctgttt	420
tgccaatttt ggtgatcacc attttagcat atttttctc atttaataag tttgcaaaaa	480
aacctaggta cagtgaatg gttataatta ataaaggat ttacattgat cccttttttt	540
acataacatt tattaagaaa gtaacaaaaa atacatcaa actttataaa atgcatcttt	600
aacaacacaa aaccatatat acatacatat gtacatatgt atggcccact ttactgatca	660
ttactgtgc atataagtag tttttaacaa gtggttttct tttgcttttt ggccaccgtga	720
gaaaaaaatt cagaactgcg gctgtctggc atccactgtc ttctattagc ccggtcccga	780
atctttcacc accccaact caaaagtcac cagctgatga gctggtcac aatttctgtc	840
tctctctcat tttttggcgg cttttgggcc gaattttgtt tgtttgctcg taaaaataaa	900
tcatcgaccg tggaggaaac acgagcgatg agtgaaaaac tattaaattg gcaccatcgc	960

accacgaaaa	acataaaaaa	aaatattatc	atgacccacc	tgtctgcctt	gaatcactca	1020
ttttccacaa	tttattatag	agctacaact	ttagagtggg	tcgaaaagac	aaataaaaaa	1080
ggtaaaaaatg	agtgtcgagt	tgaaggaatc	cccttggtcg	ccttaaactt	ttggctaacc	1140
cactttttat	aataatgaaa	aatttaacat	tgttttgaac	tcacgaagtt	ttagacaaaa	1200
acctgtttat	agatgggatg	ttcgttcata	ctggaattgc	ccataactca	ccgcaaatga	1260
atctttgact	ttttgagaat	gcttctactg	attgattgac	aattacttaa	ttgataaatt	1320
ggaaaagaat	acaggggagg	aattc				1345

<210> 763  
 <211> 597  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 763	
ggcgttccca	tgtgttggtc
tgtatgccgt	agtgtgcg
tcgcagcggg	tttcacgcca
	60
aatctggcct	gtttcagagg
tcaggaacta	acttagtctg
caggtgtagt	tagcatgttc
	120
ccgcctacac	aggttcactg
aacaaaagta	tttaaacata
aaaatatcta	ttttatagat
	180
acaatttttc	ttgttcttat
agtttttact	aagaaaacga
ttagttataa	aaaatattat
	240
gtaagtgatg	tcaaaaaaga
aagtagcatg	tcgttggtat
tcttttcata	attgagttca
	300
aggctaaact	ttttctatct
catatatttt	ttaaataattt
atatcattac	ccgaattata
	360
tttcaaagga	aaaaacagtt
aggtaaactt	tcttctatta
tatttttact	ctttaaaaac
	420
tttcctatgc	attgtagtaa
acgtttttaga	ttgttttttg
cctatttatt	taaacataaa
	480
tcagcaaatt	ctattttatt
cataaatgtc	ccaccaacca
atgttcttca	agacaatagc
	540
ctacagcact	agtattccgt
cagcatgtct	gccacaatatg
ttggcgcagc	agaattc
	597

<210> 764  
 <211> 577  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 764	
atcgtgccca	actcccggcc
atcggttatg	gcgtgtcctc
gaaaacgggg	aaaaaagtta
	60
caactagcag	taaacgtgaa
aaaggaccag	caaggacgag
aaaatctcgg	cgaggcgaaa
	120
gcgctgtggt	ttcattgtcg
tcgtcggtcg	cctttggctc
atcaataaaa	atttccttga
	180
cattttatga	gccaaaggat
tctgagctca	ctttacttac
tccattcgcc	attcagccat
	240
tcgccgggat	ggccaatata
ttaaatacga	caacggatta
aacgctcggg	tgcccttttt
	300
atgtccgctt	atatttatgg
acaattattt	aaaagaaaaa
aaaattgcca	ttcgccgaaa
	360
gtttgcacac	atttatgggc
tgtgaatgct	ttatataatc
gccatggtga	tcgaatccca
	420

caaagaagtt ctacttcac ggcaggaat gaggggggaa aatttaatta agcctcttcg 480  
 cgattgttta taaattcatg ttaatgatat ttggacagcc cccttttttcg gatgccgaaa 540  
 gtatctgcaa ttacgtcgaa tcgttgggcg cgaattc 577

<210> 765  
 <211> 940  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 765  
 gtttgggcac agggttgtat ttcatttatt tttgggggga gtcgatacgc tctcttggcg 60  
 tggtcgaacg gtcacactgg ccgagagata acggaaaatg tttcaaaggc aagtaaagat 120  
 tataaacgta ttaagcttaa tactataatt agcttactat tccaagtatg tataattatt 180  
 acacgtttta aaggcataac gttaagtgtg accaaattat atcaatggat tttgaatacc 240  
 aatattatatt attttatatt ttgagcttaa tatattaaat cacatatatt taagcctctt 300  
 tatatatgta aatattttta ttttattaaa ataaattata tattgttttg taatatgac 360  
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 atgatcaaag tatgagctaa acatacaact ttgaacaggc ctttgagcac gccctgggtg 720  
 aagtttggaa actaaatagt tgtccgcgta atcctcgccg gctggcctcc gtctacaatg 780  
 tacaaaaggg agcacaagtg ctgaccaaag cggctctgtt tacgctgccc gagaatctca 840  
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<210> 766  
 <211> 1131  
 <212> DNA  
 <213> *Drosophila melanogaster*

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 actagtacct aaatatgtat acctgaagtg cgtaattgaa accgaaatag gcgctgaagt 180  
 tttggagtca attaccatga gggcatgtca acaatacaat taccgaaagt taataatggg 240

gatagccaac	gcagctgttg	gggttagcct	tcgcactttg	gaaccagctg	caggctcgga	300
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tgaatacacc	tggcctctca	taatctgttt	ttagttgagt	tccgcgggtc	tcgcactttg	420
gcccgggtcca	aaaccagttg	gcccagatca	gcctcctaga	cccatgattt	tacatatgta	480
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tttaaattcc	agaagatgag	ctcaagtgac	acgcgaattg	tatccaaaac	ttctatctaa	600
ttgcatattt	atgtcaaacg	caatcgacta	cgaaataccc	agacgaattg	cttgcgacaa	660
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aatattaact	aaacttttaa	ggtacataac	tcagaaaatt	ttcttaaaca	gcaataattc	780
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ttaaactctgg	tgaattgtgt	gcgttcgaac	ggaaataatc	atagagaaat	tttagcacct	1020
tttaactctca	tcaccagagc	caccatatat	gtatggtaat	ctggggacgc	aatatataga	1080
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<210> 767

<211> 687

<212> DNA

<213> *Drosophila melanogaster*

<400> 767

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ttcgacagcc	gtctctcgct	ctcccactta	tgttttttgt	ttgtcatgtt	ggctttggcc	180
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caccgcgcga	caaagtaacg	agcaccagca	aggccccaat	gcaatttggt	tatttgcaaa	300
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ccctgggaag	tcgaaaagga	ggaacggaga	gcggagaaat	accggcaaaa	catgcgttcc	420
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aattggaata	taaacttgaa	aagatgtggc	tcgggaaagt	tccacttatt	agatggagca	600
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<210> 768  
 <211> 510  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 768  
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 tttattggcc ccattcaacc gcatttcacc tcctccgac gccggtactt tttttttttt 300  
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 tctgaatcga cattccaaat gacagatacc gcgtgcagag agagaaaata ttggcaccag 420  
 acaatatattg ctttattcag ccaaacgttt tcacttaaac caacttggtt gaaattagct 480  
 ttgattattt gcattgagtg attactgac 510

<210> 769  
 <211> 1144  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 769  
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 atccaatctc tcatggttac ctttatcggt agtttagatg ggtattttac ctataagttg 240  
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 aaccgattgc taatgataat tttacacccc ttttagcgct cctcttgta aatatatttt 360  
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 ggaagttttt ctacttctct ggaaaatgcg cgtttatttg aacgttcctt acatttcgct 600  
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 cacttggccca gattgctggg cagaatatc atgcgcgac cggtgcaggcg aagtgcatt 720  
 tatgctggga ctgaagccga taccgagctg atccgaacct catagccaga cacgcagcga 780  
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atgtattgac aacgtcgagc aggatgactt tttgaatatc tggatttggt ttaggcacag	960
cagaaagggc cattaagatt gcatttatgt attttaatgg tagggaataa atttatttga	1020
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tctttggagg taaaaggtaa ctggatttaa tatattacct gatatggcta cttggtgaaa	1140
acat	1144

<210> 770  
 <211> 113  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 770	
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attttatata tagaacta aaatacctaa tccttatagt tcttttagaa ttc	113

<210> 771  
 <211> 1166  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 771	
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acggtcggtg ctctatttgt tttgtgaaat acaattgatt tcaccagcga ctcagaggag	180
gatcagggtc gtcacctctt ttgcatgccc gacattcgcg cggattcgaa gttcagctgg	240
tgagattcga gcaacaggtg gcggatgacg gatggatgga tgggtggcta aatggatcgt	300
gtcgatgggc cacgggattt ggcgaaattt ggtgctgata gacttataga ctgacatagg	360
cccggcatta ttatttgtgg ccaaaagggg tcaggcgggtg tgccgcgtga ggaaattgaa	420
ttgacttggg ggccaccggc ggcggtccga aatcgaaatc tgtgtcgcaa atgtggcact	480
aataaattat cgcacattcg cgcgccgcac agcgagtgtc tcattaatgc aggaatcgca	540
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cgtgaccaaa ctttccaagt gccgcgtgaa ttggatctac ccagccaata ggtcttaata	660
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<210> 772  
 <211> 582  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 772	
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agagcgagtt aatggcacia ttgttgcac tgaacagagc ggggcagctg catgattgac	180
aatcatgccg caccgcttgc acccgttgac tttgctggtt tttgtcgctc agcgctctct	240
tcgctgtagg ttaacagcga tgttaggagt ggaaacacgt ccgactgtag cgtaaattca	300
aacgtatctg gcgggttggg tttccgatga aatatcttcc atccgcacag tgtatttttg	360
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gttaccacgc gttttggcat caatcaaaa ataaacacac aagaaacatt tggaaatcgc	540
gcgcgttttt catcgcgca caacatcacg tttttaatgg gg	582

<210> 773  
 <211> 727  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 773	
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cgatatgttg ttcataagtt tctctcgctc ttccacaacc cgcaggactg cacggacctc	540
gcccgcgacg aggaggcgct gatggtgttc tccacactgg gcggcggact gacagccatc	600



gatccggtga ccagcgaaat acgctggaca atagcagatg gtaattacgc gggcactccg 660  
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 atggcaa 727

<210> 774  
 <211> 1010  
 <212> DNA  
 <213> Drosophila melanogaster

<220>  
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 <222> (1)..(1010)  
 <223> n = ambiguous/unknown nucleotide

<400> 774  
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 cttgagccgt gcttaacggg ttttttttcg gggctaagaa cactggttgt gcacacagaa 180  
 aatgttgaaa atcgtattcg tagtcgcggt tctgtcgcta gtgaagtgtg cacaatccca 240  
 aattgcttgt gagttgattg aacaaatgtg acgaaaagag taataagtca aatataatat 300  
 gaaaaataaa ataattatag ttcttaaatt aggattcctg ggaactacct tttaactttt 360  
 aacttgtgtt taatattcca ttcatttttg cagtccttaa tatttttaggt tagtttatat 420  
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 ctacaaatat ttcaagattc tatcaaaact tgtataatca taaaacgtgc ataaggaaaa 600  
 gtttactaga ttatgagaaa tataaataaa tgcgtttctgc ttatattaac taattatctt 660  
 caacactcct tatcatgaac tcacgcaaat tgaaattcct ctgactccca tgacagttag 720  
 caaccagcca tgctcgggtc gaaatccaaa aatcgtggga ggtagtgagg cggagcgcaa 780  
 cgaaatgcc tacatggtca gtctgatgcg tcgtgggtgt cacttttgtg gcggcactat 840  
 catctcggag cgatggatcc tcacggcggg acattgcac tgcaatgggc tgcagcagtt 900  
 catgaaacca gctcaaatca aggagttggt gggttgcata gcatcaggga gtacctcacg 960  
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<210> 775  
 <211> 1426  
 <212> DNA  
 <213> Drosophila melanogaster

<400> 775

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tccataatat	aaccactcac	atttccgcct	ctatgtctgc	atatgcgatt	tgccacgctt	180
gtacgtacat	gcgattgtat	tcgagtattg	aagtattcaa	gtattcgaat	actgaagtat	240
tcaagcattc	gagttgttcg	agtatctgcg	tattcgagtg	gaaaaacatc	ggagaaagaa	300
gtgaattatt	atcagggcgt	attgttacat	ttttttttta	tcccattatt	actcgagctc	360
ttgaaaaaga	aaaaaaaaaa	agatttttact	tctatgccac	agcgattgtt	aggattgcaa	420
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cccgaaaaat	taagttttaa	ttgaatttgg	ccatttcttc	ggcgatacat	ttcacaatca	960
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acacttaaag	ttgcaaaaat	atatatgctg	cagttttgag	ataacttttt	tttctttgtc	1080
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<210> 776

<211> 403

<212> DNA

<213> *Drosophila melanogaster*

<400> 776

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ggctgggctc	ttatcttctg	tagagaatgc	aaagatgttc	gtggaagcgg	aaccaatgcc	180
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agggccacgt cagccgcagc tataggcaaa tcgcaagaag ccggcgataa ggcggcattc 240  
 aatatgtata atacgacaat cccgattgtg aacgttgtca agccgggcat tatgtcatct 300  
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<210> 777  
 <211> 1111  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 777  
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 ctaatttccg aactaaaata tctattttc ccgaccctc cgaaatcacg tttactacaa 1080  
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<210> 778  
 <211> 499  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 778  
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 tattttgatt taagcataac agaaggaaat gcttatgtta tgttacttgt ttatactata 360  
 aatccagtgc aaacaattcg gttctctcag tgggtaaaag tgaaatgtat aggggtgctgg 420  
 catcatcatc tgcctcccac tttgcaaagg gaatatctga gcacacctga gtgggctgga 480  
 caagcggatg acggaattc 499

<210> 779  
 <211> 371  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 779  
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<210> 780  
 <211> 1013  
 <212> DNA  
 <213> *Drosophila melanogaster*

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 tgctgtcgtt ataaagaaga gtgccccgta atcatatacg tgcctcgtac caatgtatcg 360  
 cttttgtca agtcatcaat gtttatgggt taagctttga ccttgcccac agaggggtat 420  
 aaatacacga gagcttgtcc caatcagctt acgaattgat ttgtctaatt aactgcaggc 480

gcgcaataat gccagattgc acatggagat tgtgtttttg gttatactag aaaacccaaaa	540
aaaaaatata tatatatgcc ccttgggcgt gtcgtttgtt ctccatttag actgtgatta	600
gatacccagg gggcagcaga tcggactcct tcttatcagc aggccgcggg gccagaaaga	660
tgtggaaagg tggccaggta tttggaaaca gcaaaaaata actgagagac gcacacgagc	720
tcttccccac acacgcacac actcattcct tatcgcgcga taagataagt ccagtgaat	780
atggaaaatg actgcacagt ttttagtatt tctcctcatt ttgaacagcg aaactgaatg	840
ctagtcgtaa atttgtgctt tataatcgaa gctgcgagtg actcaagacg tgtcttgtga	900
taagggcgat cctccctaata caagaccgtc tacttgaagt gggtcaggcc aaaagcagta	960
gcaccagttg ggaaactagt tcgattttga tcaattggga ggatagcgta aaa	1013

<210> 781  
 <211> 1063  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 781	
cactgggtggg tgggtgggtgc gcgcgcgaga gagagagaga gagaaagggtg agagtggcgc	60
tttgctccga ttggtcgaga aaaagcgaga aaaacgtcat gccgttctct tcgccgcaaa	120
atcatcggat catctcggcg gtcgccgttc gcctgtcgcc gttcgcagtt cgcagctcgc	180
ctttcgcgga atcggattca caatcacatc cttctgcgag ttcgaggagt gcacaccggt	240
ggtcgcatcc gcaaagtccg cgcttcgaaa ccgctatcgt aatcgcaatc gctattgcca	300
gcgcaaccag aaatagaacc atggatatct ccgcctacca gcacatgaac atcccggatg	360
agcacgcgcg gcaaagcgtc ctctgaggaa cctcacgccc aacgaccaag ggttgcgtagc	420
catccagcgc atccacaatg ggtgaaacca agccagtgtg tcgcgggaca tcggagtgcc	480
ggagtccacg ctgctgtggt ggtgcaagaa cgagcagaag ctgcgcttca tgtgccgcca	540
gctgggcccc gatcacctgg gtctcgacac gccaccggaa aagcgcgcca agttcgagct	600
gcagctccag ctgccaccga agttcgtggc actgcctcca aactacgagg agctgggctt	660
cgggtgcactg ccctacagtc cagccgatta cccagtgcaa aatgaatccc tgctggagaa	720
gcttagcctt gtggaatttg taaaaaagaa cgggtggattg catccggagg gtgcactgca	780
tccgggtcag gcccgctga tggactactc caacaacatg ctgcaccagc tgaatcttct	840
ggccctgctc aactccaaac tcaccccaca gactgccgga tgtcctggta gatgcacagc	900
cgaaatcaga ggacaacaaa gtgattgatt cgcccgtgc ttccgaggat tacagcaaaa	960
acaattaccc cttgcttgaa tggtaaaaac tgggcccgaag gatccggcca agcggatgaac	1020
ttcggcaatc agccggagca agtgaacgat aagacaacat gcc	1063

<210> 782  
 <211> 118  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 782  
 aattgacgct gccgctgcgg atcaacatgt gtgtgctgta agagagcggg agagcgaaat 60  
 cagttctctc gttctccgc tcgcacacat tcatgcaatg ggcacatgca gcgaattc 118

<210> 783  
 <211> 176  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 783  
 cttttgtcat ttcaaattgg ctgtttaatt gcctaattgt gctttgtttg ctcattaaac 60  
 tgtaagtggc ccatatattt tctcatgaaa aacaaaaaat ccataaaagc ggataaaaaat 120  
 gttcgccgcg cacattactt ttgttggttt ttggtgggtg tgttcgtgtg gaattc 176

<210> 784  
 <211> 537  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 784  
 ttaattttgg acttaaactt accaatatta catttccttt tcagactgag aaataactta 60  
 attcgattaa atgcgacttt attaatggaa actataattt atcagagggc gcacattttt 120  
 atcgcaacta ccaccaatg aatcaaaaac tcggggctgt ctctttctac cgaaaacttt 180  
 tggccaagaa agcgctggca attctgcaat tcaattggtc ggccgtccgt ctttctttct 240  
 tctcgggctc tctgcagtct tcaccttgcc actttgcccg gttggaaaag taaacacaat 300  
 ctgattgtat ggcttagata atagccccct tgtgcgccag tgtgtgtgtg tgtgtgtgtg 360  
 tctgtgagtg tgttgccag ttggaggagg atggggctaa aaaaaaacga gtgagaaacc 420  
 accgacgcgc tgcattgcaac atgttcgccg tcgaacgtca aacgacgagc atcgaacgtc 480  
 gaacttcgaa catcgaacgt ggagccgacg aagagtgcgt cggattttac ttaccgc 537

<210> 785  
 <211> 720  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 785  
 gctgagcttg tgcaacagca gtagaaatag gagagagcaa ttagagaga gaccgaaaac 60  
 aaacacacgc acaagagctc acctccacca caggtgtgta ggtgccactt cgcttttctc 120  
 tctcgcgcac tctcttttgc tatgtatgta attgtgtgtt taggtatatt gccctccctt 180

tcacatcccc	acatcgctg	ccgtgtgttt	atttcagtgt	caccggggag	acagattagc	240
tcttgtccgc	ctgttgtcgt	aaatatcacg	cacacacgct	tcccgtccgc	ccatctgtac	300
atacatatgt	acatacgtag	aaatggaagt	tgctagctgt	gtgtttaatt	cattttcgag	360
gttttaaatgc	gcaacaactg	cgacttggtg	tgtgttggtt	agacgacaaa	aaacaaacaa	420
aagtaacggt	gagaatttag	aaagcccaat	gcaaacgaac	gcacacacaa	gcacttactc	480
ctgtcggtgt	gagctgcatt	gtacttccga	agccccaaga	ccaatttaat	aattttcccc	540
aaactcacag	tgtaagaaca	ataaacacgc	caagcgcact	tgaaaaagaa	ataagaaaaa	600
agaaaaagtt	gcgactttcg	agcacaagta	cttggcacca	cacactcagg	gaagagtgcc	660
acgacaaaaa	aatttagaga	aaaaacccga	aaaccgaatc	acacaaacgg	aggactatgg	720

<210> 786  
 <211> 599  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 786						
ggcagaccgg	taagtaagcc	aaatactccg	gaataaagtt	atagcctccg	atctctaact	60
tccagcctga	gactgcacga	tggtgtcctg	agggacgttg	agcagcaaca	acggcgcaaa	120
cacgagaata	cctacacgct	gcagcagcaa	atagacatga	ccaagcaact	gaaagccagg	180
gaggcgtcta	gcaactcctc	tgacacgccc	gtacctccat	cgacgcatcg	cgcacagagt	240
aatcttcaag	cggagaagcc	agcagtgcaa	aatgaaggcg	aggctttcag	aggtgttcct	300
caggggtgaa	cgactaatca	cgatggaagc	ccgccaaactg	acatagcttg	atcacaaata	360
tgcccctaaa	tatgcaccta	ttaaaatcta	agactaagtc	ggggaaaaca	agaatttcgt	420
tgttcaaatag	tacgcatttt	tgaagatttt	aagatttcgt	cttaagaaca	gttgacagca	480
tctttacgct	ggttggatcg	ttttcaagtt	ggtgaagcct	tttgcgcatg	ggaatataat	540
taaacaacgt	ggtaagaatc	aatcttacca	agcgaaataa	gactgcaggc	taacaaggg	599

<210> 787  
 <211> 581  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 787						
ggcgaaggta	aacgcgaagg	cttccgaggc	acgtaaaaaa	aaagttcaaa	cccgactagg	60
acaacaacgc	gaacaggaca	ctcacacgca	ggcaatcagc	cgcacacgca	cacagtcacg	120
agtcggaaaa	gcttgtaagg	accacaattc	gccgcactcc	gaatgtgtgt	taaagcttcg	180
tgaaatcctg	gggaaataat	atcccgcaaa	tatccttgca	gcgcaatgtg	aaaggggaatg	240

ggcattcata	aatttataaa	tttaaaaaaa	aatcataata	aaattagaaa	aaatatTTTT	300
atttataccc	aactgcccta	aaagtataat	ttttgtatat	ctttaatttt	aaatatTTTat	360
atttggctta	gataatattt	tcaaaaaaatt	aagagactta	ttaccaattt	tcatactatt	420
tggctcttgca	tattctttcc	ctgctttaag	tagaaagcag	tctgcactgc	tttttagttt	480
aagtagaatg	atatattttt	tcatagacca	taagcaaaaa	atcttttagc	tgctaaatga	540
atctacgtgt	ggtaatgctc	ctcttctcag	ttcaaaccaa	a		581

<210> 788  
 <211> 628  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 788	
caccaacgat	60
tggttagttg	
ggagggggcg	
gtggatgtct	
aacattgcaa	
cgtgaccatc	
gcgcatgtcc	120
tttgcaattg	
taacatgttg	
ttggagtcgc	
gtttttttcg	
ttagcccggt	
ttttgttggc	180
tttggtgtcg	
ctgtaaaactt	
gttcgcgttg	
catgccaatg	
aggcgcattc	
gacgtcaggc	240
ggatttggtg	
acacagaaac	
tggattagag	
gcaacaacca	
atcaacaaaa	
tgagtgaaaa	300
aaaaaacaac	
ttggaacca	
aaactagaca	
ctaagccatg	
aaaattgtgg	
gaaactaagt	360
atttacttta	
tgattcaata	
attatacctc	
ttaaataaac	
tggttttggc	
aacgtaaaaa	420
aatttggttt	
cacacaaatt	
gtaatttgtg	
tacggctactt	
ttgaagcaaa	
gcaaaaattg	480
ttcttttaggt	
atatcttttt	
tctatttact	
aataaaaataa	
ataaataact	
ttaaaaaaa	540
atttgtgtgc	
taaaacccaa	
atatttactt	
attattatgg	
gtatgtaaat	
ttggtcagca	600
cctgcccact	
gtgcgcacgt	
catcggttgc	
atgccttgtg	
gttggtgggtg	
cttctgcttt	628
gggggtttct	
tggttttt	

<210> 789  
 <211> 536  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 789	
ccccacagat	60
acggtgagag	
aacgacaaga	
gagagagagg	
gagcgagagc	
agctgtgcga	
tgccggcaga	120
ccaatgttgt	
tgttatttgt	
gttggttggc	
ttggccatct	
tttagtttgt	
attattgctt	180
tttagtagtg	
acctccgaca	
acaaaccgaa	
atcgaaacaa	
gttttaagca	
acaacaacaa	240
cagaaaaaaa	
aagaactgca	
ttaaagcaga	
gatttatggg	
tctttaatca	
aagtctgaag	300
aatgcaaagg	
cattcctttg	
ccatgagtat	
tgcatttgta	
aaaaaggaaa	
ctgaaaaaat	360
ttgggattta	
tgtttttctt	
tttttgtcta	
acaaattttg	
tgctattata	
atggaaatgt	420
taatgatatt	
tgtggctctt	
ggggaaaatg	
ttttatatca	
attcatttca	



cctgggtatc tacttgccgt agaaatcaaa tgcaataaaa aattacagtc aagatttagc 480

caattgttgc gtattttgag ccatttgtgc ttttagacac cggcttggtt gaattc 536

<210> 790  
 <211> 86  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 790  
 ctatagtcgc tctagctccg ttctccgaag agagagagtg aacgaagaga gcgcaggaag 60

agagttccag gaaatcgcaa gaattc 86

<210> 791  
 <211> 573  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 791  
 ggcgcaactt gttttcgatg ttgttggtgt cgttgctgct ggcttacgtt tttttttatg 60

cgccgctcgg gttggtaatg atcttcgtgc atgtgggttg gcgtcgttgt tgtttttggt 120

gctggtgatg tcggtggatg tagagaagga tgaggaggtg actgcgactg ttgcgttcat 180

tagcggggca gaggcgtttt tgggtttggt gtatggtata tggccagaag gagggcgctgc 240

gatacatggt ccaggtagac acatgacgaa gccacagtcg aactcccata acccgtcatt 300

ttactaattg aatacatttg tagtgaaaac gaacccttcg attcggtttt aaaatcattt 360

tttagagatt taattttgat ttttcagtta aactttgcac ataactgata agtgtacggt 420

tcatactttc ggagtttcac tgtatttata aacaaattca cccacatggc agcctcgatt 480

gggtggcggc atatcccgcc gatttcggcg tgggctgatt ttagccgcat tcgatttcca 540

tttcgggttc aagacttgcc cttcaacttt ggt 573

<210> 792  
 <211> 648  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 792  
 ctcttacctt atgtaacgtt tcgccaacgt gtgcgagcga gagggcgcggt gtgtaatttg 60

ttgtggagca gctgcgacgg cggggccaaa gctgttgtct cgctcccccg ttcggagtga 120

ggccttgatt ccggactccg agctccggat caaatatttc aacagttttg gatccgtagg 180

gagggagggg gatatttagc ctctagaaa agttttgcca ttcaaattag tatcataaca 240

aatacttggc ttagaatggc accatttgcc caacaatccc ctaaaaagta atcgtttgtg 300

ggacaaacta tgctacagat cccgttttct tgacagtaaa tggcatattc ctcaaaaatt 360

aaaaaaaatg ataaaaaaaa aaatgataac aaaacagagt catatacttc agtattttga	420
aattctcaac aatctatata tgccatttaa aaagcctgat aagttttcaa gttattcgaa	480
ctcagtagga ttaccaaatt ttcactgata ttcaatggtg gaatggaagt actaggataa	540
cccacggaat ttatagtaag aaaaggtcta ggaatttggt ggattcatgg agaaattatc	600
ggatagaaaa tccttactac ttaacgatag cccaattgag atatagct	648

<210> 793  
 <211> 463  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 793	
gtctgaggta ttaaatagtg aaaaaaatg tctgccgcgc cgaaaattga caaagcgacg	60
ccgccatgtc gcaacctata gccatctccc tctcgcagcg tgctcccagc accaccagtg	120
ttcatctatg tgtgtagtgc atatttcgag cgttaaaatc tgttgaaaat ttaaaaccat	180
tcaaacagtg gaaaatattg tgcacacatt atagggtttt cacatttccc ttgcggaaat	240
cggaaaagca agcgtatgtg tgccgaatgg aaaaaaccaa gacgcagggt tgcatttttc	300
ttgatttcga ggggtgcatt ctgtgtgata agcgtttttt tattctgtct ttaaatgat	360
tgtagacttt tgtcccgta tgtttcgata atggatatta cgcagcggca aaattattat	420
ttaatgtctg ttattgagtc aatgaacttt ctgcgggttg gcc	463

<210> 794  
 <211> 519  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 794	
ggttcgagtt tgaaatgagg tctcaggagc ttcgtgttgc atcgaacctg ctcgatggca	60
tctattggtg agaggggctg tctgtgttcg caataaccgg aaacggaaat catatttggg	120
caagttctaa tgccatcaac gattgcaatt aaatggccaa atgtcaattg tttcaagctg	180
actaagtgcg agaaggacaa aaaagtgttg tgcgaaaaga gacaggcgcc aaaagcctga	240
acctgccatt aaccgttaat gcacggatcg taaatcgaat tgaaaggaag ggtgtgtcat	300
gccggactta taaataaaat taacaaccag ccgggggaaag aggttaaggc ggaaatattt	360
gcgccactgc gactttcttg ctcgctgtat tgggtcccggt gttttttgtt gcttgtaatt	420
aatgggcaaa caattacaaa aaaaaataa agggagtcgg ggcaagaaga atgaggcccc	480
cagtggaaat taccagtatt aaagggcgag aagcaagtt	519

<210> 795  
 <211> 704  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 795  
 atacacccta tttacgttta ctaagagagc gaccaacgcg agacgagtcc caaaatgagc 60  
 gctcttttttg ccgaactggt gaatgccggc tgcaaaagca acaatacaac tgcacacatc 120  
 accacccccca ttgcgcttat gtttttagcaa cccctaaaac aatatggcgg cgagtaaccc 180  
 acaacaaaat aaataaaaag aggaaacttc cccccagaaa gagcaacaat tttccacgcc 240  
 aaaatacact ttttttgccg gcgctacagg ttgcgtgaga gaacgaaaga gagcgtggag 300  
 agagcagcgg agagcgagtg tcaagagaaa agcgcaacaa aagcaggaag cgataaacga 360  
 taaatacaca cagcaaaaac gtagcagact ttgcgaaaag aaatttcatt ccgtgtagat 420  
 aaaagataca ttaaaatagg agagtatatc ttaatgcaaa ttttttccca tactctaate 480  
 aaaaatcaaa atatttctta tgccaaataa tatcgacttt tatttatatt aaaaaacagg 540  
 ttctttttcag tgtactctgt gcgcatgttt ttttccaatt tgggcaacga ccgcatccaa 600  
 agcattacca ccaaacgttc tcttgggcac cagccttttt cctctgcttt gctattcttt 660  
 tacttagcat ttctctggtc tatgttgccg caaactttca gagg 704

<210> 796  
 <211> 307  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 796  
 agttgggtca gcaagaagtt ttttgcatth ttaggggttg taagtgggaa atgaaatgga 60  
 gaagggtgttg tgtgtgctcg tatgcagcta aaaaatggcg gcaaacacac acaccaaac 120  
 cgaccacac agacaacaaa ggctaaaaga gcagctgttc cgacggcttt ctctagaccc 180  
 ggtgaatcaa cagcctccca catccgaacc atccacatgc ccgccccacc atccaattcc 240  
 acttccactt ttaacagaag cacacgcacc accggcacgt ggtgcgccat atgcaaatta 300  
 agaattc 307

<210> 797  
 <211> 412  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 797  
 gtcgaaagtt aactgcggtt ttcgataacg atacgtgttt gctatcgcca ttgatggtcc 60  
 cgttcatggt atcgagccat atttgtccat tttatagcca aacgtttgat tcatttttat 120  
 ataatgacat agtttataat catatataat ttcaatgtag tttttaatag gtttgctatt 180

tctgtaatat atattcggcg aacttagata taacaataga acagttttta agttttaaga	240
tcataaatct ttaaaacacg cgagattaag acaacgcgat atacgtttac gtaaaggatt	300
tttttatgga ggtggagaac tttaagttgg cattactgtt caaaatcgcg accgacttaa	360
catttgccga gttattgccc atatatgacc acaaagtgtg gaaaaagtca tc	412

<210> 798  
 <211> 478  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 798	
acagaagccg tcaactcagg cgaagtgtc gtagcggaaac ggaatggaaa cggaacatgc	60
acacgaatgc cagccgaagc aggagtacga agcatgccat cctgtcgtgt gtcagcgaaa	120
gagaggcaga gagaaccaca actcgtcttc aatgggaatg ggtctctccc tctctccctc	180
tctctctctc tctccgcaca acgcctcctg tggtgtcttc ctcttccatt tctacgagc	240
gacaggatgt gcagctgccg actgcgactg catttggtt cgcgcccccg actccctgtt	300
actggggatt ttgggatgca ttcccgatca aagcatagcg atctgggcaa ttcgattccc	360
ggattgagca acaatccacg cggataacag gactacagga taataggaag tggttgaaaa	420
atatacactt tatgatttat gatccttaag cgggaattta ccacattaaa catatttt	478

<210> 799  
 <211> 489  
 <212> DNA  
 <213> *Drosophila melanogaster*

<220>  
 <221> misc\_feature  
 <222> (1)..(489)  
 <223> n = ambiguous/unknown nucleotide

<400> 799	
atcgtgacgg tttgctcgcg ctctccgctg cgccgccttt tccgttgcac atgtgtgcgg	60
gcgttattgt gcatgtttcc ggtggccgaa aaaaaatagn nntatagaaa acagaaacca	120
agaataataa cagccatacg ataaacagtg tgccaatgtg tgtgtctgtg tgtgtgtgca	180
tctcgcgtaa caacataatt gcatttatcg gatggcgcaa gcttcaattt aattataaat	240
aacatgttca actttttata ctattttccc tgcgtcaaag tgggcgttgc aactgcccc	300
ggaaaatcac gcgccccggt tcaaagttaa agtttgctgg gtaacgcaca cacacacaca	360
cacaatcact cacacgcggc acacgcacat ttcaataaac taatggagcc tggctttggt	420
tttggtntaa ttccaacca cttgagcaca cagcacacac agagaggaaa aatcaatact	480

<210> 800  
<211> 558  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 800  
gcaagcacga tgaagaagga aagcgagagc gaccgaaccg cacaccacga gaaattccaa 60  
cagactgaga tggaacaac aaacgatgac gccggcaatg ccgacgcaca aagcagcgca 120  
cagtggggcg atgtgcggtg gattcgttat ccatcttaaa tagtaatacg ataggcatga 180  
acaatatttt caacaactct ttgCGaaca ctgtaagcag aatgacatgc atttttgcag 240  
aattgtaatt ataattaatt ccggcactaa aattaaatga tttttgttta gtttttaaac 300  
acgatttact tgattcgtaa atattatcaa gtattaatta attacttaag cgaatagtta 360  
aaactggtaa attagcccca aacaatattt taatggtttc aagcccacta tggccaagtg 420  
gcccacctta caaacgaaat ggatccgcat aaaagaagaa attgcaacaa acaggcggca 480  
aggcagccac cgctcatttc aagtcgcttt ggtgggtgctt ctgctggctc tctccgtttt 540  
tagtaattgg ggtgtggc 558

<210> 801  
<211> 623  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 801  
ggccagttac tcggccagct gttatactga aaactgcgcg ccttcggtat ttttaaggtag 60  
ttatcgtatt ttcacatata atttaaaagg ccacattttg tggaacaacg cttccggttg 120  
tgttctctgc ttttagtact gccagctcct agcgaatacc tccaccatgc aagcagttca 180  
agccgcagtg ctgttttagta tactttctga gcgccagatg tcgcaaaaga gaagtcgggtt 240  
tttgtattaa ttagattttc aaagaaattt atttaaaacta aaatggtttc tatttttagtc 300  
acataggggt tcaacttaaa ttatttgaaa gcaattatta tgaaaaatat ataaattaat 360  
atgtgatacg aagggttttta gtgcgagata agctaaaaaa aatgatgttt tatattccat 420  
tacatattag aaactacaag ttttcagact taagacgtca agcattttcc cttgagcat 480  
taaaatctgg ccaaaactta cgcaaaagaaa aattccgctc gccggcaata ataaattaga 540  
ttaaaatgca caaagaaaag gaggaaaaca gaatttcagg ccacaggatt tcagataaaa 600  
gtgccgtaag cggcaatgta gta 623

<210> 802  
<211> 544

<212> DNA

<213> *Drosophila melanogaster*

<400> 802

ctcttgtgtg accgacacaa tgtggtcgca gcagtgtcct atgaaaatac acacacccta	60
agttaatacc aaaaatatac taaacattta ttttgtccag caccctaaacc attaacatca	120
gtttttcaac agaactatgt taagcgcagg tgttaactta tattttatctt ataagtggac	180
tttgttgtcc tgaaacttaa tcatcaccag aatcattatc atgctctcta gctttatttc	240
tcgttttaact tatgaaaacc acaaatatca aagaccaaca taacatagct ttacaccgga	300
aaagtatagt agatagtata gccaggagt cagctctagc tgtgttggtt atcgttatcg	360
cggctagcag cttgttttgt tttgcttaca cgacaaataa ataaatataa aagaagtatg	420
agtaatttaa aatcggacct ggatgaatac ttgctactgc agagtgatca gaagaaccaa	480
tttcaacgtc aagttgccac agctggaagt tccattttct cagcttcgac ccagaacaaa	540
tagt	544

<210> 803

<211> 201

<212> DNA

<213> *Drosophila melanogaster*

<400> 803

gaatcaacta aaaacattta ttaccacct gctcatttat atgctgcagc cctatcagct	60
gttcgctgcg gcgcccacta tcagcgcata cggccacact gcgggggscgg cagggatgcc	120
aaaaattgat gtggataaca tagaaatatt taaaattgtg aaattattcg attttgataa	180
gtatacttct taacggaatt c	201

<210> 804

<211> 524

<212> DNA

<213> *Drosophila melanogaster*

<400> 804

gtctggactg aaacgggccg ggaaacgagc cgaaagtagg tctgagtggg aaattaatcg	60
aggcacattg agtgaagttc acaaagcttc gccagctttc aggagctttc ccaacaattt	120
ccccctatct tcccaaggcc aaaataaatt aaatttttaa atgttaaata cctgtttgtg	180
ttgtgaatgt gttgctgttt ttggtaaagt attaaatgcc aatagttacc tgaaagtaca	240
ataaattaaa ttcaaatcag tggaggtcaa cagtataacg aaacacactc aaagaaatca	300
caaataacga ttaactcact aataaaggga ctttatggat agacatataa actttttcaa	360
gctttgttag ttatggtaag ttatggaaag gagcaaaagc ttttataaaa gcttttcgat	420
tagaaaaagt gttgccagct taaagtattt ataagaaatt tgaaaaagga tttggtagaa	480

atcttttagag tgaaacatgc caattacggc taatacatgg tagt

524

<210> 805

<211> 621

<212> DNA

<213> *Drosophila melanogaster*

<400> 805

cacagcagac	tgcgtcacgg	atcggatctg	tgtggatctt	cagttcgggt	tagtttccaa	60
taccaaacc	aattccagcg	gcattgaaag	tgcggtgtgt	ttgttggtgc	cccatgggct	120
ttttgtttaa	ggtcttggca	aatgaaagtt	ttctcttcat	cgatgctgca	ggacattatg	180
tttgattaac	gaaacgcagg	tcgagttttg	gactgttgta	aataaatttt	acaaccttta	240
atgctgccac	ccagacaacg	taaaaacgag	aagcaattga	aatgtctgaa	ttatgtttgc	300
tgaattattg	aattatatag	gtggtcggat	actacatgct	acatgcatgt	aactgaatgc	360
aagtacttaa	ttacgtcagg	agaaatttat	tttcatttcg	aaaaacgcaa	taaatgtaa	420
gcagaaactt	caaggggatt	taaggagcat	tgcataaaca	acaaaaaatc	ccttttagatt	480
tcataaaatt	tacaatatct	ggtatgattt	cgaagactga	aatattgatt	aaaagaattt	540
gtacgatttt	tcaatcgaac	aatgggtcaag	cccgatgccc	aactcatttt	ggcccgcag	600
taccccacca	ttataacaca	t				621

<210> 806

<211> 569

<212> DNA

<213> *Drosophila melanogaster*

<400> 806

ctcaatgcga	attgttttca	agcgccggag	agaatctata	tagaggggct	tctccgactc	60
gcttcgaata	cgtttttcgc	agcgcgcgcg	ttcgcatcgg	aaaatcagaa	aagctggcaa	120
gcgttttaaaa	acaaattcgg	caggtacaat	tgttacatgt	tttccctca	gttgactatt	180
tcgtcgcagg	tttttgcca	gcggaaacca	tcgtaataac	cgttattttg	ttatattcgc	240
gtaaatcggt	gtttgttcaa	ccacagaata	cttggtgtta	cgcatttcga	aaatggaaat	300
gcaaaaattt	ccaagcagtg	aaaatcaaaa	cgaataaaat	atattggctt	ctttcgtggt	360
tagccgcgta	cgtgtgtgtt	tctgtgttag	tgagtgcagc	aagaaataaa	acaaaaagc	420
aacaaataaa	taaatagaaa	acaaaagcaa	aatcaaattc	aaattcaaag	gcaaatactt	480
gcaaagtaag	ttgataatat	caggagtggg	gggtgctagc	atatgttgca	ttattttgcc	540
cagcatttac	atggttttca	caatttctt				569

<210> 807  
 <211> 462  
 <212> DNA  
 <213> *Drosophila melanogaster*

<220>  
 <221> misc\_feature  
 <222> (1)..(462)  
 <223> n = ambiguous/unknown nucleotide

<400> 807  
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 tattgctttt tagtagtgac ctccgacaac aaaccgaaat cgaacnnnca acaacaacag 120  
 aaaaaaaaaag aactgcatta aagcagagat ttatggtttt ttaatcaaag tctgaagaat 180  
 gcaaaggcat tcctttgccca tgagtattgc atttgtaaaa aagtaaactg aaaaaatttg 240  
 ggatttatgt ttttcttttt ttgtctaaca aattttgtgc tattataatg gaaatgttaa 300  
 tgatatttgt gggtcttggg gaaaatgttt tatattaatt catttcacct gggtatctac 360  
 ttgcgtagaa atcaaatgca ataaaaaatt acagtcaaga tttaccaatt gttgcgtatt 420  
 ttgagccatt tgtgctttta gacaaccggc ttggttgaat tc 462

<210> 808  
 <211> 233  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 808  
 ctctgagctt tactacgatt actatacagc tcttctctcg cgactttttg gactggacaa 60  
 ggcgtagcac attgaacggc agtgggtttg ggtttagtat cgaaccggct ttctacgaca 120  
 gcggattgga agcgcggagc gacaaagtcg cggggaata atgtgatata gccggctatg 180  
 ttcagcaggc aaaactgaaa taaaagtaat aaacaccgaa agcccccgaa ttc 233

<210> 809  
 <211> 525  
 <212> DNA  
 <213> *Drosophila melanogaster*

<220>  
 <221> misc\_feature  
 <222> (1)..(525)  
 <223> n = ambiguous/unknown nucleotide

<400> 809  
 ccccagccgc gtgcacagcg cacaccaacc gacacactca cagacacacc ccaaagccgt 60  
 gtctgagtag ctgacgtagt tgttgaccg gaagtctgtg aacnnngaaa tactttaaaa 120  
 ctggctcgaa acctggcaga cgccctcaa gctgaaatct aagacctggc cgcatatatt 180



tgcatctaact ttggaagtct gactttaagc agacacggat ttcattaata aacgaaaggc	240
atagtgcgaa agcaggagag tatgggagct caacagttga cggggagcat tgccaggccc	300
aagaaactgg gagataacaa agatgagtca cgaaaagcag gcatttcaaa atcctcttaa	360
tcaccaccag tgaatgcatg taactcaatt aaagtcgtca attgattaca tttattttgg	420
gttgaaaacc cttctaggac acgggtaaat tctacctggc aatgcttcgc gtttcgctg	480
taacaggttt caaagcaaaa aggggcttcg acacagagca cacac	525

<210> 810  
 <211> 531  
 <212> DNA  
 <213> *Drosophila melanogaster*

<220>  
 <221> misc\_feature  
 <222> (1)..(531)  
 <223> n = ambiguous/unknown nucleotide

<400> 810	
gtcggggatc atcatgtctc gatTTTTTgc ttcagttgtg gagcgagagc ttacgcaatg	60
gagcggagtg atgagcacat tatccgaggc aattttttan nngccgaaat gccgccgggc	120
cgtagaaat gaatatgaaa ccatctactt taaatatgat tgtaatgtaa aaacttgc	180
caacactaaa aggatctatg gactccccga gcgtatggcc aaaatgaagg actccgatct	240
ggagaagttc gacgacaagt tcttttagcgt ccaccagaag caggcggagc tgatggaccc	300
ctgcatgcgg atgctgctgg agctgaccca cgaggcgatc atcgatgcgg gcatcaatcc	360
cgtacagctg cgcggcagtc ggacggggcg tctacatagg cctgtccttt gtggagacgg	420
acaccgagat ccccaacatg gagccgaacc agtatcaacg gctactggct gacgggctgt	480
gcgcgtgcc a tgctcgccaa tcgcatctct acacgttcga ctttcagggg c	531

<210> 811  
 <211> 443  
 <212> DNA  
 <213> *Drosophila melanogaster*

<220>  
 <221> misc\_feature  
 <222> (1)..(443)  
 <223> n = ambiguous/unknown nucleotide

<400> 811	
ggctcgcccc aagagagccg agtgaaaccg agcgcgcacc cgaatgccga aaatcaagta	60
tacgtcgcta cgatcgttgc tcaccgcctt tcagtgtctc nnncaataac aaaaataata	120

gcactgctaa acggaaaaca gaaacgttcc ttttctaacg gtctcactga gttttgtaaa 180  
 ttggtcattg gctgtgcgaa aaggagagac agagagagaa ccagagaact gtcgcagcga 240  
 ttgcgattac gggtacgcgg cgcagtgaaa aagtgaaaaa gtttaggcgg aaaacacttg 300  
 cctctggtcg atttgctgtt ttggacgcgc gactccctca gaacttgaaa aataaaggaa 360  
 aaatcggcaa ttaagcaaaa aagtgatcac acatcaagaa gcccaacttg attacgattt 420  
 gcggtcgcga aggacttata aac 443

<210> 812  
 <211> 498  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 812  
 gtccagcctt tcgaaggag tgctgggtg ggtgtgtgtc ttttttatta aatgtttgcc 60  
 gtggtgggcg tggccatcac tcgagccgct agctggcaca tcctttttat taaaattcgc 120  
 agtctataaa ttgctaagga gcccatgtgg gatgggcggg cgtgggattc caatggccat 180  
 gggactgcga tgagcggagg aaatggggta tgactggcgt acatgtttca aaagacgtgt 240  
 gtgtacccaa gacttttatg agacagcaac aggaaatgca tggaaatggc ctgggctggg 300  
 ccgcccgcgg agaaagggga acgtgtgttt ctccaaatgg agcagggtcaa aaaacgaatg 360  
 tgggaagtcc gaagaatgat tcagaaactg aaaatatacg aataattatt acaaaatctg 420  
 ccttgcatat aattacttat aactttgcac tagttgcatt aaaaaatgaa agatagtcga 480  
 ccgaagtttt taagcctc 498

<210> 813  
 <211> 320  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 813  
 ttgtaaatga agcgaagagt caaagaagaa gcagaaacca gcataaaaaa tgtttgtgcg 60  
 ctggcggtct gtaaaagtat gtgtgagtgc gtgctgtgtg gtgtaggcag cagacaactt 120  
 tgaagaagaa gagacagaat acaaaaacgt acggagttcg aaaactccgc cagagaagtt 180  
 tgtctacact gtgcaacaaa ttaggtggga atgggatgtt atcttatcag gttgggtgta 240  
 ttggttataa ttggcgccca aattgggtta ccaaaaaatg tgtttaaaca tcagggttaca 300  
 tctgaaaatt ataataaatt 320

<210> 814  
 <211> 429  
 <212> DNA



<213> Drosophila melanogaster

<220>

<221> misc\_feature

<222> (1)..(429)

<223> n = ambiguous/unknown nucleotide

<400> 814

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tgtgtgtgtg tggaccctga gtttggcaat gcagttgccg aggnnntgcc ttgttgttgc      120
tgcggcgctc cttgcatttt ttcgcgctgc tgctcctgta ctcttgctgc cccctttgt      180
tatttgtgct gtgccccaaa gacatttcag cgagcctcga ggaatccaaa gcatttggat      240
acgaaaactt tgggtacagt aaaggctgct gggttcccgc caaacagtgg aatgttatgc      300
cttagccgga tcattcgca tccgtgctga aatctgcggc tcattatcta agtatggcca      360
ggtggaatta acactttcac cgcactgaca gaaaaacatt ggccttttta aggggaacca      420
aataataat                                     429
```

<210> 815

<211> 71

<212> DNA

<213> Drosophila melanogaster

<400> 815

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ttccaacggc tcgagacagt ccgagcggca cttgcaacat gttgcaagtt cgtgtgtgac      60
ttcgggaatt c                                     71
```

<210> 816

<211> 75

<212> DNA

<213> Drosophila melanogaster

<400> 816

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aaactataca cacacacaca tacgcacgca ccgccagtca gtcaggcagg cacacattgc      60
ccacccactt ttact                                     75
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<210> 817

<211> 116

<212> DNA

<213> Drosophila melanogaster

<400> 817

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atctggtctg aagtgcagcg cttgcgatca gttcgtgttt gacggtcgtt tgcgtaggaa      60
gcaagacacg cgacgggtct cgagtgctgt gctttgcctg tgcgatggct gaattc      116
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<210> 818

<211> 512

<212> DNA

<213> *Drosophila melanogaster*

<400> 818

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cacagtttct tatcggcgga ggtcgacgaa tcggatctcg tcttatcgcc gacccccgt      60
ttattgtttc gtttctgtat tagattcaaa atcagttcgg tgataggcgt tactcagtct      120
agccggcgcc gcgtttaaca ctatgccggt tcagggacag gacttgaaac atccatagga      180
tccatcgagc atatacgcaa ggttttctaa gtacgctttt ttaattaatt ttatgaaatg      240
tgtttcaatg cagtgagaga tgggtttttc aagacttcgg taagctaaaa aaggaaagtt      300
tggcattcta aaagagtggc ctagaattat attctaagtt attaataataa ggtaagtgag      360
ctcttttatt gtttttagaa tactggtgtg tgaaattaaa ccttggtttt aagaatttga      420
atgtgtataa tatatttaaa ataactagta gacataagta tttagttaac ggtaatgcct      480
atgaaatggg gctgctcact caacaaccac ag                                     512
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<210> 819

<211> 54

<212> DNA

<213> *Drosophila melanogaster*

<400> 819

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gtctgatgca gctgatctga tttattacca gtttactgga tcactcgtga attc      54
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<210> 820

<211> 557

<212> DNA

<213> *Drosophila melanogaster*

<400> 820

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cacgaaccca agaaacaggg ccgaatgga aaaagagaga atcgagagaa tcgcgggctg      60
agaaatgcgt agaaagagac aagcgacgag tagcgagcag tggcactaaa accagcttag      120
tgcactgtgg aaaaagtfff aacaattctt aaatatctga agagtaaggc tctaattttc      180
tgtaaataac aacagtataa agctatgtgt ttaaataatac tagataaata atggatgcat      240
ttacatatcc atctgaattg gctagttact tatattcggg ttgaaaatag tacaaaattt      300
ctttcagtgg aggagaggaa ttaaaccgaa ctcaacccaa acccaaccgg ccgccagtgc      360
cacgctgcta aatggacgga tgggcccggt gacggactta tatggagact ggcaactggc      420
gaagcgtggg aacgtgcatt cgtacgacga gttattggca gttagagcgc tacctgttta      480
ccgacccgac taccgacta ccaccgactg cttttttttt ttggcccatc gaaaaggtag      540
ggtacaattg gcccgggg                                     557
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<210> 821

<211> 202

<212> DNA  
 <213> *Drosophila melanogaster*

<400> 821  
 tggcaggcct ttgcatttcc acttgtgcgt cacgtgctcc tggctgttgt tgttgcatg 60  
 aacttgaact agtggcaaag ttgttgtcgt cgttgtgggt gctattgcac ttttgctgtt 120  
 cttccgacat tggcgccat tttgccggct gtttttggct ggcattcggc gcgttttctc 180  
 accgcgcacg cgctctgaat tc 202

<210> 822  
 <211> 534  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 822  
 ctttgtgcgc tgaagcagca acaacagctg gctatctcgc tctagcaacc acgtcagacg 60  
 gcaaacgtca attataagca aacaaagcga cgttgcctca tttcacgaaa gccgcagcga 120  
 ggcagagcga gagcaagcga aatggcgctt cgcggcaacg ttgccaaact tcagcgtcga 180  
 ctgcgtgttg ttctttagt ttccatgctt ctttagtgca tggaaattta acatgctgta 240  
 ccaccaaccc tctttacggg ggatggggga ttataataac gcgctgctga cgtcgtgct 300  
 cgcattttcc accttctcgc attcgtattg ttgcaaagga aatggggcct atacaagaag 360  
 tttatctttg aatatacata catacatatg tatattttaag tacatgccgt attcgtgct 420  
 taaattgagg cacaggagga gaacatatct tgggggtccat tgaaattcaa taaattaaat 480  
 gctctagtga ataaataaaa gcgtatttta agtgggaaat aagcaatgcc atta 534

<210> 823  
 <211> 438  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 823  
 cttgtccttc tcagaacaac agttataagc tcagtctcgc ccggcagcgc tgtcgacgtc 60  
 gactgcagca gcagcgccgc tcatttgtgc gcttaatgac gtcattattt ttattttaac 120  
 agtgccaagc aaattgcata tataccgttg ctgctcctgc gcagtcggcg ctctgccggc 180  
 gtcgctgcac cgccagtggg gcttgggcta ggggggtggc gagagagcga cagagagaga 240  
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 gcacccgctg agctgggcct gcggcttcgg gttcctcgcc ttcgttctgg ttgcttcgtg 360  
 tttgccgatg tgatgctgct gatgttgctg ctgctccttt tgctgtgcta cttatgctga 420  
 tgattgcgat gctggggg 438

<210> 824  
 <211> 524  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 824  
 ggcacggcat cctttggcgc gagagaatgc gacatccgga gagccggaga gcacgaccat 60  
 tgaggggtcct gttcgggaga gctgacgcct ctgtgtctaa ctaaacggaa gaggtcaag 120  
 gcgctcgcatg atacttccac agtcatctca atttcaagac tagaagggtta aatagatctt 180  
 tatttatatt atgattcaat taaattatta attttatatt tcaaataattt aaaaaaagc 240  
 cttatgggtta tgtccttaaa atatattatt ttttaatttaa gttataagat agaaaatctt 300  
 atatggagtt cttaaattatt attcataaaa cgtaagtggg aacatgtgaa ttagttaaac 360  
 aataagtggg actctctgtt aaataaatac attttgtcct gaattggatt acaaaatcac 420  
 tcgttcttca aaacacctca aaatcaattg aggtctccat ccttttcggt atgccgcctg 480  
 aatcgatttt cggaattcg cgccaaatac ccgcaccgac aatg 524

<210> 825  
 <211> 492  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 825  
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 cgctaattggt gaaaactggc tgtgcgaaaa agcaggcaga gagcaagagg aagagagagc 180  
 ggtcccgggg tgggggtggca acttcaactt tgccggctgc acttggcaac aagtctgcaa 240  
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 ttctggagcc cgcgtgcgga tgggcaagaa cagagaaccg gttgcaagcc cggtttggtc 420  
 actttttgcg cttctcatatc ttaagtgcgg tgcgatcgcg ggtcgtccaa tatcgccgat 480  
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<210> 826  
 <211> 535  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 826  
 gtccagtcta caaacagaaa gaatttcaac ggcacgcgtc gacaataaag taaacaaact 60  
 gaaattgttt tccttcgtca tattttcctt tctcttgtct cgtctgcgac ttgttgaaac 120  
 tatttcaagc gcagaaatca acttaagccc cagctaccca gctcatcaat aacaacatcg 180

caacatctct	ggcgctcaat	taacatgggt	ttgtgaaaat	ttattgaatc	ccttctttaa	240
tgaagtgcc	tgtcccgaag	gctgttgctt	cccttccagc	caaacgtgct	catcgattgg	300
aaacggtcta	tggccgttta	gtttgggtgc	tgataaacct	agattcagaa	tcttttagata	360
tatatcttta	gatttatact	ttcttgtgta	attgaatttt	ctaaattctt	attctactgc	420
ccaagtaatg	aaaattccca	acaaataacg	aaggcaagga	tatcatcgct	ttcttggttt	480
aatcaatcaa	acggcaaacg	gactggaaag	aagtgatatc	agaaatctgt	aagtt	535

<210> 827  
 <211> 47  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400>	827		
gcttagccat	attacttggt	tgtatttgca	aaagttgtaa tagattc
			47

<210> 828  
 <211> 551  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400>	828		
atagccccgt	tcaattgctg	taaaaggata	gtttctacca tcgcattgctg agttttattca
			60
ccggtagatc	aaccgatctg	gagagactat	gaaaataata cttcaatgaa cttgagaaat
			120
cacgccacct	tatctcacta	aacaaatggg	acacgcgctcg agctcgtgtg tctgtgtgtg
			180
tgtgtgtgtg	tatgtacaca	cacatggcgg	tggggacttt tggggctgctg tcttgactat
			240
acgccgctct	ctttggcacc	cacctccgat	ttggatgccg actacaatag caaaacataa
			300
acatagaagt	ctggccaagc	caacggccat	ttgatagata agcttgctgc tgagtcgccc
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gatttttacc	ggcaatttgt	agtggctaca	cgcggaaaaa taggggtatt atatgaaaat
			420
ggttcctgta	aatatggttc	catatttata	tgatcaataa catttgaatt tcaaagaact
			480
ctacggctac	acgattcgaa	ttcgtttgct	tgagtggact ggttatttgc tctgtgtgtg
			540
accgtcatgt	c		551

<210> 829  
 <211> 499  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400>	829		
gtcgcgctat	tttgtttcga	gtgcgctgtg	ctgtttgggt tcgttccgtt tcgtttcgtc
			60
gttcgttttc	cattcgtctt	cgaatccgca	ctgcaaacia acaagaagag ggggaagcag
			120
caaaagtggc	gagtgcatc	gcagcgtcga	aatttcaatt gaaatctgaa atctgtgtgg
			180



caattgcagc ggcactcggg	gtaaatagat tgaattgaag	cgaaattctg cgagtcgaag	240
aagtgaaaag taaacaataa	cacgggcaat cggaaaagt	gttttcgata aatcgcaccg	300
cacacacaca cctgtcagtg	tgagtgtcaa agtgagtgtg	tggagtgtgc gtcgaaggag	360
aggaaaggtc aagccaaaat	ttgcgtaaag aaaaggaaag	gaaagcttag aagaggggaa	420
aggggaatta cgtcagttcg	cattccgata aaaattttga	ttccttaaac cgatcctgat	480
agccagcatt acgatggca			499

<210> 830  
 <211> 580  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 830			
gcttaaaccg actccgccag	ctccgctcat tatatagttt	cccttctttt gttgaatcat	60
tcgatttcgc acatcgtacg	agtttctcgg cgaataagaa	agcagcttgc cgttcgcgtt	120
ggctcagtgt gagtgtgtgc	ggcctatggt aacgcgaatg	gtggtgcact gttaacgcga	180
ctgccacaag ttgctgttaa	ctgtcaaccc agtcgctggc	ttcaaagcag caagccgccc	240
ataacaaata atgctgtgtg	ccggtatatg cgcagtcaaa	gctccgactg cgcggcacat	300
cctgatttgc aatttctaca	ccaactttcc accagctgaa	cattcaaaca aaaaacctaa	360
tcgcccggca tcccgcgcca	gagagcgaaa gctctgcgct	tgcgggtggt aaagagcttt	420
tgcttaacag cgaaggggtg	gcagacaagt tgcagatgcg	gcagaatgat cacaatttta	480
aaatatttaa tacacgaaat	gagttatact aaccagactt	tcgcaccttc ttctccaatt	540
gcagccccta cactaaacct	gtgcaagccg tggaccaccg		580

<210> 831  
 <211> 256  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 831			
gatgagatgc caccgagcgc	gcgattgggt gaggtcacca	tgttttgcgt cggcttctgc	60
agggcgggtcg acttcctgag	actcgccttg ttggcgccac	tgaatagggt gcgcgtcgag	120
ttgaggctct gcagcgaggt	gtccagcttg ttgcgaatcc	tgtccagatc ggcacgcatt	180
cgctggatat ccatcgctat	gggtgtgtcga tcgctttgca	gcttcttgtg ctgctgcaac	240
atgggtctcca gcactt			256

<210> 832  
 <211> 406  
 <212> DNA

<213> Drosophila melanogaster

<400> 832

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atctggattg aggtcttgcc acagttagcc gagcaaagcg cagctatacc aattctccat      60
ggccgtctcg gccacagtgg gtcaattctc catgctccac tctgggcaat caatttctcg      120
atattgttgt gcagtgcacg tagattgagt cactcctcct cgcattcggc attcccattt      180
gtatatatat acactcatat tcgtaattat tgtaatgagc catttctcta gttactttcc      240
tcgttggctg catgggctgg gtttttaatt aattttccat tgaccagcc tgacagctga      300
gcctcagctt tttcctcttt tatttctgag ctgagctcag aggctctgcc agcccaagag      360
catttcatat taattctcat tttttcgggc tccaattcgg ggcttc                      406
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<210> 833

<211> 460

<212> DNA

<213> Drosophila melanogaster

<400> 833

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gccccatccg agcgattgt gattgatgag cggagagagc gagcgagagc gcggtacatt      60
agcattaacg gcgcatgtgg cgcgaaaatg cggatggaat caccttgtgg ttgttgttgt      120
tgccgcgtgc accaccctta aagaacttgt tttgcactga cagaaatttt gagccgcccg      180
tggttgaaaa aatgcaattg caacagtgc cgtggataat tgggaactcg aactgcgggc      240
cggggtgcgc aggtaaaagg cgcaggtgca cggagcgca gatacaggta aaaagtgaag      300
cggttatcct gaggaagaaa caagtaatca tgcttggccg tggatcgtct atttgaagtg      360
taaatatgta ttgtaatgca atatggtatg tattgaagtg tgttggtatg aaggaaagca      420
ggccggaata ctgattactg ctaccgtatg taggcagatt                      460
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<210> 834

<211> 99

<212> DNA

<213> Drosophila melanogaster

<400> 834

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ctttgaatga aaacaccgaa tagcatataa aatgcatttg ctcttagta aaaaaggttaa      60
gaaggtttgc cgctgttttc gtattcgaat tacgaattc                      99
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<210> 835

<211> 178

<212> DNA

<213> Drosophila melanogaster

<400> 835

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gtccttactt gcaattcatt ttcgaaagaa tcaagttggt tgcttttatt gaaagtctgc      60
agtctgaaat taattgaagt gaagaatata aaggccttgc ttactcttga ccaatctcag      120
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gtaagtataa accattatag acggactaag aaaaggcaaa gaatctgtag gtgaattc 178

<210> 836  
 <211> 602  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 836  
 gcctagccaa aagctaggca aacaggccaa gcccgaaccc ataaaacccat gtcacatttc 60  
 tggctcgttt tttatctggc caagaaagaa acaaacaac actgtcgcac attagagcgc 120  
 aacgtgccga gcccataaaa agatttcgac gtcttcgcac gagtcataat acaccctcg 180  
 cattcgctt ccccatgaaa tcaccacct gaggcacgtc ataataatat tggtggtgtg 240  
 gctgcatttt ccttgcacgc ttttaggcgc aatttttaaa tggttctaga atatgcgccg 300  
 aaaacgcaac agttgctcat gttttcatcc ttaaaaatta agtagtgaaa tttgaaaagt 360  
 ccatattaaa aacagttttt aaaattttta gacatttttt gtttctgtca ggagcacatc 420  
 aatttaaaga cttttatggg ggtcatcaat acagtattca cctttaacat ttacattacg 480  
 tctataattt aaagcacagc tggcagcaca gttaatgagt aatattctgg caccctaac 540  
 ggcttaaaaa agttcaaac cgcaaaacaa ggtccttggc tttcaaggac atgacctggg 600  
 tg 602

<210> 837  
 <211> 562  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 837  
 cgacggacct ttcgaaaact tgacgaacac gaagcagagg ttcaaagcaa aatggagtaa 60  
 acgagtgaag aacaaaataa tgaattatgt caaaagtggc gcaaatatct ttggtacacg 120  
 aagaaaaaga ttggtagtgg catttagccc ttaccacaa tctacgtaca tacatatgta 180  
 tgtatgttta catatgtaga attattaata gtattttaat tattgtaaaa tcgtggttat 240  
 atttattttt gtgagtagtt actctatgta cgtgctccca accaatgagt gagcgagata 300  
 gactgctaag tggagaatgg gagttcattg atatttctcg ggcgttttgc tttcgcttcc 360  
 ccttcgtctc caccttgctt cgcgccatct tcgttctttc ctcttctcct ctgcttccat 420  
 ttacctgcca cattcatttt gtgggtgggtc ttcgcaattt tgctttcttc ttaattttg 480  
 cattcttttg gacgtttttt agtttgctggg tcgtttttgc gccgttaact ttggaccgtc 540  
 tgcggggtgt ctggtgtgga tg 562

<210> 838  
 <211> 521  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 838  
 gggccgtcta ttttaagcact gcctctcgag gagagagtaa ctttctttta acgctctcgc 60  
 tgctctcttt ttcgctctcc ccgaaatcgt tacgacgctc actcgctctc tctctccac 120  
 gccattggcc catacaatac actcaaaaaa tcgccgcggc atttgtagag ccgcagtcga 180  
 taagacaaca acaacagccc agagcagagc gatcggttga tttttggtat attattttgc 240  
 ggtgattttc tgataatata gtatctatat agtaaggctt tagggagggtg ccatatatca 300  
 ggccggcgcta cggcaggcaa aaggatttac tcgtaggccc cacttgatgt atggaataat 360  
 cccgttttcc tttttgggtt gctaaccacc ggatatgtgc ttcccgtcgg acggggtcgt 420  
 acaagacttg actttgcccg gtccgttcga tggcttagaa attgccgctt gcttcttctt 480  
 gcgcctaaat cgggtgcata cattttcgct atacttgata c 521

<210> 839  
 <211> 619  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 839  
 gttgtgggtg tgcgcgagcg tgtgagctat agctctcatt ctataaaccg tatctctagt 60  
 gcaaattgtgt gtgtgtaatt cgagtaaagc cggtagaagt cgcagctgtt tttgcctatt 120  
 tttacgctca cacatatttt gcaacaaaga aaaacaacaa ttctctagcg gcgattttat 180  
 ggctcgtgca attcgtctca ggttcogtta tgatcaaaaa tatttggtatg ctaattttag 240  
 caggctgccg ttactaataa atacgaaatc gtgtttaata gttcatcata gcgaccccta 300  
 aaatatattc aggaataaaa cggaaacaac aagtgaatat atgcataaat agttgttgat 360  
 ttcatagctt agcataatgt ttttcaaatt tcatttatgt caagtatttg aactgaaatt 420  
 tttttcgggtg caccgaaca cagattttct gctatcttct actttggcgt ggccatagag 480  
 ctcagccaaa aatttgaca aaaattaatg tcagctgact tgctttgggt cacttctcat 540  
 tttcgtggcg cttcacacac acctggcacc atctgcagggt gaagagtcga aagataagcc 600  
 agaacgctac gttaatggt 619

<210> 840  
 <211> 535  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 840  
 ttccgtgcga ttgccgagcg gtaagcggcg agcgtctaaa cgctcactca ctcacacact 60

caagttcata	ttttgtatgg	tacagtgggc	ctggttgcca	gatttcgctg	aggggcgag	120
tttggtttg	caatttacca	atttacaggc	gttttgccgc	ccaaatcgcc	caaatcgccg	180
aactaagctg	ggagcgtgac	caaatcaatc	gactgttcag	acacagcatc	ttgagtggtc	240
ttgtaagtaa	gacatttacg	ccaattttcc	aatcaccaaa	cctggttggtg	agcaacagcc	300
gccaacggtg	cgtatgatta	atgcctatcg	ctgtctgtca	tctgagctga	ggctgggaca	360
atgggcagcg	cagcactcga	aaaagtacct	ggcagggcgt	gtatcataat	gctctcgctg	420
tcacgggcac	ttcaatagct	aaaaaacct	tatcaaagct	ttaaggcctt	atcacgcaca	480
aactgactct	ttggcgcttc	ttatcaacca	ccattggccg	cgatttcagt	gagtt	535

<210> 841  
 <211> 342  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 841	
ccaccaacca	agccacctac
ccgccatctc	gacgatgaac
tgtcgcgctg	tttgctgcca
	60
tttctgtccg	ggcttggtat
tgtttaactg	gcaatgatta
atggcaatga	ggcagggcag
	120
agcagagcaa	aagcggagca
agaagggtggg	caccgagttt
tgaactacac	aaaacggaac
	180
atcatcacat	cgctggcatt
tctttttgcc	agtgaccag
aaacatttct	tcgccagctg
	240
ccattcaaca	cttgaggggtg
attagaattt	gcgccatcac
tgaagcgggg	gccgataaaa
	300
gcggagcatt	ttattgattt
gtctgactca	ttggatgtgc
cg	
	342

<210> 842  
 <211> 512  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 842	
gtacacggtc	gacaacaaca
aatgcagtat	agcgaacgaa
tgtgacgatt	ctattatgat
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cgtttatggt	cggttataag
gcgtggaaaa	gtgtcatcca
ttcccagaca	tctagacagc
	120
caaacttaag	atcatatggc
tgcgttctag	acattctgaa
gaaagccaaa	aacaaaagca
	180
tgtattcagc	aaaagtcgac
aagacatgag	taactccaat
cgaaatattt	gggctataaa
	240
cccaaaaact	gggtgtattc
acttgtgtac	tattacctca
tgtcttttta	ttctttttca
	300
gatactctac	gcgttaatac
accttctgta	cacattgctt
aagttggaaa	atgtatgttt
	360
atggagccta	atataataat
tccattgttg	ttgttaaata
acgattacat	atttaattat
	420
gtgcagcaag	ataaataaat
tattcatcac	accattgtca
ccgtcacaa	atcttaaggt
	480
tttggttaatt	catataaatg
gtaataccat	ca
	512

<210> 843  
 <211> 515  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 843  
 ggctgcggga aaccaggaag agatatgatg gtggcggggg cgtaggggaa tggaaaagca 60  
 gtgtagaagc aaacgtcgag cgacgtcacg caaaagtgtt ttgcgttggc gaatagagcg 120  
 caaaagtagg caacgttatc tgttcattgc ggtgactgtg tgtgcggtaa agtggggtcgg 180  
 tgggtggaat gtttacacac atgaccctgc catgggagta tgcgtgggtg tgagtatgtg 240  
 aggcattgctg atgagttctg tatgttggtt ttcttgaaca aactttaatt gtttttgatt 300  
 ttcctaagga ttcaagtgcc gcgagtttta ttacttggtt gtttactcat ctgaaggatg 360  
 atgcatagag gtgcggggac agtttgcctt ttagaagcct tttcaaacgc ccagttggta 420  
 aaaaaatgag aaagcggaaa ggggcataac agaaatgggt ctctcttggc taattagatg 480  
 agcgttggtg tgcttcctg aaaaaagggg aattc 515

<210> 844  
 <211> 499  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 844  
 gcttggcggc aaaagaatga agcacgacgg ccgcagagag aacaaggcag cgaagagaga 60  
 gcccgcgctc tcttaggcgc tctctttcgg ccacaaggca ctcggttggg gcattgacct 120  
 cacagctcgc tgacccactt acgaagctgc tttttgccac tgcgaatgcg agttgcgaat 180  
 tgcgaactgc cgacgctgcg agctcgtgcc tccgtcgacg ccgctgccgt catcgttgctc 240  
 ggtgtttctg tttcgacgaa cgagcaactt gtgcaatagt cgcagcagca acagcaacaa 300  
 gagcagcaac aacaacggct gcagcggcaa cagcaagcaa ttcgcagtcg cagcagaggc 360  
 gactgcgctg ccacatgggc aactcaaaat tggactgtgc ttcactcttt gctagcacag 420  
 tggttgaaag taaggcgttt aataatgata aataatatat atgcattatt gaatgaaatg 480  
 gaagaataga ctgcagggg 499

<210> 845  
 <211> 565  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 845  
 ggtaccacgt ttgtgttggg gtgaccgacg gggggatgcg agaaaatacc accaattaat 60  
 acaaataggg ttaaaatacc aattagcgtg tacacaatcc acaattagcg tggacacgca 120

ccgaaactat ctttttagcca gtacaacctc caaagttatg acgattggta acgccgtttt 180  
cgacttcgaa tatttgtagt tgccaacctt cttgaagatt gtatgcgtgc gtgaatttaa 240  
atTTTTTTtaa atcgtgataa tgcgtcgagc aacaatctaa gctaaaatta gatggcaccg 300  
gcgtttattg atgcgaaaca tatgcaatgc caacaatctt aatatgattc tatgctttag 360  
ctctttgaac ctttaaagt tggccaagca cccaaagtgt tgaactatag catgtgtttt 420  
atttaaaatc tatttgatgat agagcttaaa acctaaacag tgggggtgtg gattaaggta 480  
tctacaactg cgtgattgga agagaccag ttgctttgtg acggtcacaa cccgatgctg 540  
tgtcaagctt tacgctttat gataa 565

<210> 846  
<211> 586  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 846  
ctttgcaccg atgacgtatc ggctatattgc aatttcacat agttgcgatt gcgtttcgtt 60  
ctatattggt ctaaattggt gtcgctgccc ccaactcacac atacgccctc acaaaacagg 120  
tgcagaatgt gataacacac acacacacac acactctccc gccgagcaag ccggtaaaca 180  
aaactggaaa gagagagtgc cagagagcaa agcttccttt ttttggcaaa gagcgcaag 240  
aagcttcgtg ttgccattgg tggtcgacgc cgggtgggtg ttggtggtgg tgtcgttgag 300  
cgTTTTTTtaa cacaattgca ttcaaaaaat gtgtgcttag tatttcggca actttgtgac 360  
tgagcgaacg ttctgtgttc tctgcttttc attatttcgg agatttttcg agagtaactt 420  
gcgatttctg gcccgaaattg agtcacacat ttagagccta gaccgtgata agaccgaaa 480  
aaaatattaa acataaaacg caagtaagag gagccacgag aaaccaaaaca aaagtgaag 540  
ccattgacat ttgtcctgcc aagtttgaag tgatgacctt gaattc 586

<210> 847  
<211> 503  
<212> DNA  
<213> *Drosophila melanogaster*

<400> 847  
tctcagactg aaactcgaat taaaaatgta cagttaaagc ggagcgttct ctcgctctct 60  
ctctctctct ctctctccca ggagaaagat agatacaaat agagagcgct gctaactctc 120  
tccctcgtaa tttgtatata caccgttttg tctgtttgag tatgtgctta catttatctt 180  
tcactttttt tctgctctgc cttatgcgta tttatttttag tacataaaac aagacggcta 240  
aacagggtgt cgcaaaaagt agttgggttt cttcgggatt caattgaata atgatcatta 300  
tcccatgatc atgaattagt tgagatacgt ttggcacgga taattcttaa gtggtacagt 360

aacgaattgt atagatttca agaaatagtt ttgaaaataa ttcgttgctt tccatatctt 420  
 tcgattccaa ccaccagatt actttgtcct ataaaatgta tcttcaccct tagaaacaca 480  
 acctaaacct ttactaatca gaa 503

<210> 848  
 <211> 620  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 848  
 tgtctcttgc cgaccctacg tgggctggaa gaactcgggtg cgccacaatc tcagcctgaa 60  
 cgagtgccttc aagaagctgc caaagggcat gggcgtgggc aagccgggca agggcaacta 120  
 ctggaccatt gacgagaact cggctcatct cttcgaggac gagggcagcc tgaggcgccg 180  
 gccgcgtggc tatcgctcca agatcaaggt gaagccgtat gccggccatg ccaatggata 240  
 ctacgccagc ggctatggcg atgcgggaat ggtaagctcc atcgatttca taacaactta 300  
 agatcatata atatctatag tacttctctc tttgcccacc aggacaatgg caactattac 360  
 gcctcgcttg cctttgctag ctacgattac agtgcagctg gagccacttg gcgtctcgcc 420  
 ggctgggttg tcaaggattc gcccgatccc tggaaacgcc atgccggcca cagtggctcg 480  
 tcgtccggtg gggccgtggg catggggccg tgggtcccct ggcccagtat acgaacatat 540  
 ctggctggca gccggaggca atgggtgaatg gctcggctac acgcccccg c tggcccactt 600  
 cgcaactggga atgggcccac 620

<210> 849  
 <211> 519  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 849  
 gcgtggatgt acctgctcga gtaaataaca tcgatgaaaa catcgataat atcggccttg 60  
 gtattgtcgt gacacacgca cagtgggtgca ccacacatcg gttcgttaaa atataaacia 120  
 atataaatca aattttttgta tttaaaaaaa agtggttaacg taaactgggtc aattttatat 180  
 tctgctaata agaacaagaa taaaattttt ttacaattaa ggaatatcat aacaagaatt 240  
 gatttaacgt ataaataaat gccatgaata tattttccca cctaaatata cattacagat 300  
 attttttact atgatcagta tggtgcggac tatcgactac cacaaaaaac gctggaaagt 360  
 ctatcgatga ttttacaaga tgcttcatcc ctggaaagtt ggcgcgcaat tcaaactaag 420  
 agtgcaaaat atttctcaac agtcacaatc agcaataaaa ataaaaatat ctagtcgctt 480  
 atattttatt atattacact taatataatc cattgattt 519



<210> 850  
 <211> 80  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 850  
 gactggagtc gcagaaaaac atatgaaaac gtgtgcagtt tgggaccagg gttgccaaca 60  
 gatattatta ttttgaattc 80

<210> 851  
 <211> 370  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 851  
 ggtaaagtgt tgagctgtcg ctgcggctct cggcaattta tactcgcagc tcggtacttc 60  
 ggctccgaac atccacttcg gcttcggcac gggcttcggc ttcgtccgct ctccaaattc 120  
 ttattttttt ttttattatt actgtgagtc gagtgaagct cgctcttttg tgctctttgc 180  
 cacgatgact tgtgcacttg ccagtgtcc cattgtgaat gggcaacgag gggctggtgc 240  
 aaacgaaccg ccaccacca ctgcacagtg ggacggatac ttaaatcatt agattcaata 300  
 ttaaacagta gattaaaatt aatagttttc ccactttatg tattatagaa taagtgttcc 360  
 ttttgaattc 370

<210> 852  
 <211> 748  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 852  
 tgtgagtcga ggtgagccaa atacgaacca tccggaccga gccgagccaa aacgagcccg 60  
 actatgccag ccgaactcat taaaaagccg agcggcattt aaggatgcgc ctgcgcagca 120  
 atctcttata ctgcgcgaa agctctgcga aaaagctccg agatcgagcc gagcttgggtg 180  
 acacttttcg ttgaaatacg gcggcacact tggcacggag ctcaagttact gccaaagtgtg 240  
 cagtgtgagt ggtgctccca gggaaggaca agccttctgg agaaggaat ggaaagcctc 300  
 agccggaaat ggagccctcc agtcagacca ccaagatcat ctccgcatgg aaatggaaat 360  
 ggatgtagag gtgaagggtg tagtggaatt ggtgatggag atggagatgg cagaggaagt 420  
 gagccactct agacacgaat cgtgaatcag cggcgcattc aacgtcaaca cgtaatcccc 480  
 gcaaggactg actcgttctc gtcgtcctcc tcactcttcg cgaggtggag gcatcataat 540  
 aatgcccccg attaaagaac aaaaagccag gctgaagtgc tgcaagtcatt ttgtgtgctc 600  
 attgtgcaaa cagatcccg gtccttgctc ctggttctcg cgccggaaac gctttaagac 660

cccgccagcc gagggcttag tgcgggcaca taatgtctgc taatatttga aaatgcgtcg 720  
 cattaattga catgaaagag tcacgaaa 748

<210> 853  
 <211> 535  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 853  
 gtgagagcca ttaaccaaga gaacagtaat agagcgcatt ctctctttcc atgatcctct 60  
 ttagcttcat cactctcaca tacataaaca caactttgca tatgtgtaac tttcgtattt 120  
 ttaacagttt caaactaaat gcatatgcc taaaccatta ggtttgaaca gaaagcatta 180  
 aaagtgataa tcccataata aatgtctact tttggcagtt ttccaggaca aaccaccac 240  
 tccgccatcc gccgccagg aggcagccca gctcttgga agttccggag cggagcaagt 300  
 cagcttcatg cagtcgctga agaacctgat gaccaaccgg aacttcatct tcctgctcct 360  
 ctcgtagcgc atcaatgtgg gcgtctttta cgccatttcc acgctcctca atccggtacg 420  
 aacatacttc gcatacttcc actcgattaa tgagcggctg ctaatggggt cttattgctg 480  
 ggatctgttt ccagggtggc tgaagtatta tcccggcacg aagtggacgc cggac 535

<210> 854  
 <211> 581  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 854  
 gcaccagcca gatgggaaac tgtgcggcag tgggtcgaag agccaatgct ctcgaaaaat 60  
 ctatttagtt agctattaat tatccacttg atttctaaat ataaacaatg gtgttcatta 120  
 aagcagggaa gttttaatgg ggtagtagg tcagtcaagt atttattatt tagttttggt 180  
 ttttattaac tagctatgcc ttcataaata aaccaattgc aatagtttag ttattatata 240  
 gattttttga tatttaatag atgtttctga ggtaggggtat ccaaacgact atgcttagcc 300  
 atctgcaa at ccccttcacc ccatatgagg tcagtttgct gtccggcaca gctgggtatt 360  
 tatttttagg catcgcaatt ggatttaca attaaatggt tctgccccac gatttgtagc 420  
 cgcacttggt ccaactgcct atagtattcc atatgcatgt gaatgggggt tgtctatagg 480  
 ccctcggggg cctctaagct tgctagcggg ggtgggtccg ctataattct gggcacgtct 540  
 tatgactgcc aggggtggtg aatagaccat ttcattacat c 581

<210> 855  
 <211> 342  
 <212> DNA

<213> Drosophila melanogaster

<400> 855

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ggtcagaatg ttcggatcgt agtgattcat cgtggaaatc atgcgagtac cacgcgagta      60
aaactggaaa cacgacggaa cttctccgat cgtttataag ccaattactt tgtgagaaat      120
gcctcgcgat agtatacatt tggaaaatta tcttgtatta gacaatgttc tgattagtga      180
agttcgaccg tactgaatgc gttcattatt cttaaacaat caatgcgcga ttgctacgtg      240
tattgatagg attaggggat atgtacatta agttctacag gataattcat cagcataatc      300
cgtacgaaac tacttccttt ccactaggga cgctttccgc aa                          342
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<210> 856

<211> 77

<212> DNA

<213> Drosophila melanogaster

<400> 856

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agctggccca gtggctttta ttttcgaccc gctcgcagac atcagttgca gttcgggaagc      60
ggaatcgat gatgcggg                                              77
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<210> 857

<211> 496

<212> DNA

<213> Drosophila melanogaster

<400> 857

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gtctggctta gtacattacg tactctggtc acattgcttt agtgaaaaga aaaacgaagg      60
tataaacttg tagaactgcc gtctaaaagt gaataattta ttgcaatcgg tgctaaaaag      120
aatgatatga gcttattaca ctgcagctaa ctaatgtaaa actcttcacg tagaagtggc      180
cgaactgtta gccgttaatg aagttagagt tctttaggag gacgctgcca acgcgacgtc      240
gctgcgggaa agagatggaa agcgttagcc ggcgttcgtc cgaaatttct ccgctattca      300
actggctttt gaagcctgga gtgagcataa attaatggtc cgcaccttaa ttatcgcggt      360
gtcgcaatta ttgtgctgtt gcagtagtgc aaagtgcgtt tcgtgcatat gtgtgccgtg      420
tcaagtatta acgggttgtg tattccgccg ttctgcactg gtaattgggtg gcagctatag      480
ctgcactttt ccataa                                              496
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<210> 858

<211> 582

<212> DNA

<213> Drosophila melanogaster

<400> 858

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gcctgtttta tttacgccga aagcttaaac acaagaggcg aaaacaaaac cgaaaccaa      60
atctaaaaac gtgtttcaaa tgttcctatc tgtgttgtgt ctctgggtcc agtatttggg      120
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gtttggcgta caagcatgtg gatatggata cgaacagaaac ggaaagacga aacataacat	180
atcgaatgct atttactcca tgtgtcttgt ttcacgctcg atttgcgctg ccagcagagc	240
taaaaaataa aaaactacgc ttactgatta aaaaagctgt cgccgggctt tatattttgc	300
gtcgaactga ttgtgtgcag tgattactcg gaagcgggaa ttagaaagga ccccggccag	360
atatttattt gattaaaaaa tgcaaaagca tgctgctagc aacagaaaag aagaattggt	420
taaattaatc ataaaatagc actagttttt gcactagttt acactttata ctttatccta	480
aacaccagct cgggcaacct ttttgaaaac tcgagaattt actgggttata aaatagggtcc	540
actggaccct aaacaaacag gaaggggtga acaattataa tt	582

<210> 859  
 <211> 483  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 859	
gttccaacca ggcagcagta aacaaactgg atgatgccgg tgagcagaat gtagccgagg	60
tagatgtcca ccagcttcag tcttgggcgt attctgcacg tagtcgttgt agaacttga	120
aatgacgctc gacagctcca ccattttgct attttatgtg atatttgtcc ggatatttaa	180
ggataaaggc gctttttaac aaattaatcg cagacacgtc acaaattggg agagaactca	240
aaagtaggac cgttcgtcta gtttgaaaat aatactgata gctttatcga tgaaggcgca	300
agtacagtgg gcactcaata cttgaagtt taataaagaa taggtttata tattaaaaaa	360
tttttgtgtt ttagttaaaa ctaaaacata acaaattcta tagattaatg accgctatcg	420
attctttttt aatgttgcac atgtttgaga ggtaatggta taatttaatt tatataaaaa	480
gaa	483

<210> 860  
 <211> 560  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 860	
gtctgccccca tcttttgtgt gccggcagcg catgtgtacg tttaactttg tgtatgtgtg	60
tctctagcgg gtgtgtgtgg agctgacttc ggtgctgcgt cttcttcttc gtggtttgc	120
tcgccgcgcg tgctgctcgt atggttgttg ttggtttgtg caaggctcgt tgcgtaaaaa	180
attcaacatt atttgaaggt cgtcctttgc ttattctgcg cgtcgctttt tactcgttcg	240
ctctctcttc cccagcgggc ttttttttga atgtccctct ctgctgctgt ctcgattttg	300
tctttgtgca gtgcgtgggt ttttgtcttc gctaaacaca tcgaatggtc ctagtgtgtc	360

ttaaagggga	aagaatttat	tttaagtctt	ttgatttatt	agaattggtt	cctggaacac	420
acttcaccgg	ttattaagct	accaaacatt	cattggctcc	aaaatggtgc	tttccaaaca	480
aagaaggggtg	attcccaggg	aaacataaaa	ggtataaaaa	aataaaagac	cccaaataat	540
ttcttaaagt	cccatgctga					560

<210> 861  
 <211> 596  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 861						
gttgagacaa	actgataagg	ataagcaaag	atcactctct	tgatgctctc	tttgacacat	60
tctcaatcgt	tatgatatcc	tttcgatatg	ccattgctta	tgctgtgacc	ttgaacttgg	120
ctggacgaga	cgggcacgtg	acaatcaaca	gttccatctt	ctgcatttta	aaatgcattt	180
aagcagctct	tgcagcacat	ttcgccctgc	acaaagtgcg	ggcagcatcg	caattttgtc	240
gcgcctgggt	ttcgtgtcca	cacatataca	tatgtatatg	catgtatgta	tgtacacaaa	300
tacataccta	gcactatagt	gcaactagcc	ctctggttct	tctttctatg	tggttgctgt	360
tgctgctttt	ttcttgtggg	cgggttaacgc	tcaagcggtg	cgaacgcccc	tggtgcgccc	420
cttccctgcc	ctccacctt	cgcagctct	ctgggttttc	gcatgatgag	cttgccctggc	480
tgccctgcttg	gtcttgggtc	tctttacacg	tccttcaacg	acgttcgctg	gtgggggccc	540
cgccttgctg	gtgctgggtg	cctgggtgctg	ctgggtgctg	gctgggtgtg	gtgggt	596

<210> 862  
 <211> 539  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 862						
atcatgcccc	tcattttggt	ttaacaaaaa	tttgagtaca	agaagtagaa	aattcgatgg	60
tgtgctaaaa	ataacattgg	gccacagctg	ctatcgatta	tcgatataatt	cttactcttg	120
caagaatctg	acaaaattag	ccaagacact	aatcaccact	gcttggcaag	cagtttaattg	180
ggcgccaatt	tcgaaatgca	atatttttta	ctcagtcaaa	gtgctaaagc	atattatctt	240
tttttttcaa	cagatatact	caacaaaagc	cgcattggata	aagtgcacac	gagacatggg	300
taagttcaag	cttattatca	agatatgttg	tcattaacaa	gctttaacaa	tttattagca	360
acatcgagac	ccttccccga	ttcgttcgca	acttgcgaaa	tctgcgctgt	tgcatggggg	420
atgcgatatc	gctggaatgt	cacgttgagg	cccgatccgg	agcccgttca	tcattctggga	480
aaaggatggg	catgttggtg	ccagcgatcg	ggactacgtg	atgtccttcg	atgggacca	539

<210> 863  
 <211> 505  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 863  
 agctgaaaac taaaagtccg acgcgtctta cagtgtgacc acaccgctca gtgataccag 60  
 gttttctata ctatctatga ctatcgctga attgcggtat ttaaataccg attgggttgg 120  
 atagattggt cactaagttc ctttttaata cgctagtggc gccactgctg tttcaaaaaa 180  
 taccgcgtga tctgggaatc ggttatttct gctttatggt ttttaaaaca tttatttata 240  
 gatggcgcct tgggtatttt tattattttc atacattacc gttatcaatt tataaattgc 300  
 aaacttttta aaacaaagtc aagtttgccc cagaaaatcg aaatgctgtg tttttaagga 360  
 tttttcttta tttataatct aatggcaatt tcttccattt caaaaagcgt acaattctga 420  
 gtttcatctt tagaggtctt ttataactgg gcaatgtgct caacgatttc tttcttgctc 480  
 tacttttggc ttattatatt ttgag 505

<210> 864  
 <211> 504  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 864  
 cgcggatcgc tcggctggcg gcccctcatt taccgttcga aactcgtcta ggccagagca 60  
 tctttgcatg tggtcgtgat tctgtgtgag cacgttcgct ggatcgctct acattaagaa 120  
 agaagtgtat tagcttcgat ttattgcac gttgcctagg cccctgcttc tgctcggtc 180  
 gctgcctctg ctggcgtcgc tgatgcagtt ggcgtcgtg tcgacgctgt ggattgtgag 240  
 tctcgcgtgg aagtgggaat catcactggt ggatcgggga tcggtctttt atcgttgtgt 300  
 attcattcag agcaccata cactcgccga agacgtcgtc tattttgcgt tttttccttc 360  
 tgttatgttt ctgagctgag ctgctgctct tttcttagct tttcgttatt aggaaatcga 420  
 aaactgaagc tgcgactgcg actgggtct atcatcagtc ccgtgagacg gtctcaaact 480  
 attggctgtg gtggcgcttt ttgc 504

<210> 865  
 <211> 191  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 865  
 gtgcgagcgc ccttttgaga aaaaccaagc gaaaaaagtt aaatcgatag cgaaccgcgc 60  
 cactgaagcg ggattatcta acacggctta cagtccgttt cgcccagaat cgcgacttta 120  
 ctttccactc tttgcacttg tctcgatttt tccagctacc tttgcgctcg ctaaaaaaaa 180

<210> 866  
 <211> 468  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 866  
 caggagacgg aacggcttct tgttccactg ccaatcgttt tgaaaggggt gaatgaacgt 60  
 gcactgaaaa caaaaggcac atttacattc agattatatt gttattgggt atgtgttttt 120  
 gacagacctt tgcctgcact tattacttaa atcaacaagg cacatttaca atcagtttat 180  
 attgttattg ggtgtgtttt tgacagacct ttgcctgtac ttattttcac taaacaaaat 240  
 gttataaacc aataaataat aattgttagt ctaataatth atagtctgat attatggaac 300  
 acaagtgtgt gggctatata cacaccataa tttaatatct actttgggtt gtgccttatt 360  
 aattacaaaa tatagaataa atcttttagt atagctaaag ggaaatcgac aaaagtcgta 420  
 tcggtttgcg gaatacccct gggcattccg caagtgcagc cacgaaac 468

<210> 867  
 <211> 578  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 867  
 ctctgggggtg gaccttggtg gtaagctcat gtttgaaacc atgtaaggggt tcaagtttac 60  
 tgtatacccg tgcccagtgc cccaaaaaat atgtcgtaa tttaacgttt agctttaagg 120  
 aaagttcacc cttagctgga cttttgggggt ggtggctgcc caactgattg tgtccacat 180  
 gttggccgat tacgtcacct gctgcgcggt catttcttcg taggctgtaa taaacaccga 240  
 ttgccaaggc aattttaaac gatccgtaat tgactcacac accgggtttt ccgaacttta 300  
 tttttgttca gtaaagtgtg aattatgctt tattacatgg ctttcaatat ttcttaggtg 360  
 taacaatata caattcctgc agttagtcgt tttagtcgct tatagatgag gatattattt 420  
 gggtctgaat gaagtccatc ccatacatat atatattata taggttggga gtcttggtat 480  
 cctggggcat atgacgttgc atatgtgcag gactctgaag gttagatttc ttgacccaaa 540  
 tctttgcgca acagaaaagt gaagccttag tcatgggc 578

<210> 868  
 <211> 598  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 868  
 attttgctt tctgtctgtc tgggttgtgg cgctagaac tttccatcaa aatgctgcga 60





gaaaacgggg gaccgcaaac aacggatcgc gaatttcgtc ttaagacaaa gtcttgcgct 240  
gcttgtcacg gtattccacg gccttgccga cggacttccc ggttctggaa aaccgcagcc 300  
aggctaaaac gagagaaggt gagagtcgca atatggcgaa aaagatcccc gatcccagcc 360  
aaatcgccat gcggtgctgc tccgccaca attccgaacc ccgcccgttg aattc 415

<210> 871  
<211> 198  
<212> DNA  
<213> Drosophila melanogaster

<400> 871  
attccaggga tacagatata cacagacaca cacaatacac tggcacacag gggcaccga 60  
ttccgccgtt tgttttgagg ctaattgttt atacagcgca gattattctt cgcactggat 120  
gtatttggtc atccggctat ttctgtttgt ttttgcctcg cagcagcaaa ttgcagcgc 180  
acacgcagcc gagaattc 198

<210> 872  
<211> 316  
<212> DNA  
<213> Drosophila melanogaster

<400> 872  
agtgaatca ataaaagtga ggagctcccc tagatgccat agtcgctcca tcgcggtaat 60  
aattttcaag agcaagcagg gtcgaaattc gtcaatcaaa acgttaattt gcatgaatca 120  
tttcgagaga aaaaaaaca caaagaaagt ttacgcgtat gactgtgtgt ggtaggtaca 180  
cctatttgcg ccacaaaatg gcgtcggcac cgtcggaaaa tctgaaatgc tgtgtttgga 240  
ccgttgcccc ctgcctttgc ttggagttat ctacagtgcc ccctccccgg gggaaagaca 300  
gccctctcat tgggaa 316

<210> 873  
<211> 495  
<212> DNA  
<213> Drosophila melanogaster

<400> 873  
agtgaatcca atcgagcaca gctgattcat ttgcgcgatg gttggcaacg cggcagtggc 60  
ttatcaaaca gctgatcgac gcaggggtgt agtgttaggg gggtactata acccatcca 120  
aaaataaaaa ttaaacttac ttaaatttca aatagctagt ttattttatt caaaacacat 180  
gcacactatt gcaccagcag gctggactgc ggatccggct cgtcgatgct tagggagact 240  
atgtgctggc cgggaaccat gacgttgccc agcaggcgcg gctcctggcc ctccaccaag 300  
tactcggcgc acatggacag cagcatgttg gcgtcgcggt ccgtgcagtt gaagaatccc 360

accagcacgc gtccgtccgt aatcacgata cgcagaactc gaccagccac ttctggagct 420  
tcttgcgtcc cggcgtcaaa ctggcatcgt catctggtgc ggggccgtcg ttgtgatgcg 480  
gaaggctccg ggggt 495

<210> 874  
<211> 116  
<212> DNA  
<213> Drosophila melanogaster

<400> 874  
agtggggcga agagtcccg gctttattct ctttttccga ctgcgcaca tgtcttaccg 60  
tccgttctct cgcgtctcc gcctgtcagt ccctctctg tgtgtaccag gaattc 116

<210> 875  
<211> 581  
<212> DNA  
<213> Drosophila melanogaster

<220>  
<221> misc\_feature  
<222> (1)..(581)  
<223> n = ambiguous/unknown nucleotide

<400> 875  
gtgcgtctt tttcgcagcg agtttcgtgt tctggtttta ttttctctga ttctgattgc 60  
gattgtgaat ctggttctgt gtgaatttcg tttttattaa taaaatgcac aacttccggt 120  
attaattttg caacgacaac aattgctgcg tgtgtgtgtg tgtgagtgtt tgtgtgtttg 180  
tttgccgatt tgtgacagcc gctgacaggc gaaaagcaaa agcaacaaag tgacaagcat 240  
gagcgtgtgt cgcctaggag gaaaagcggg aaagcagacc gaaaaataat aacaacaaaa 300  
agtggggcgc aaacggggcg tgggcggcaa tcgaacggta caacctgtcc gcttttttac 360  
caccgccccca cttcccccg tttcttcaac gatttcgctc ctgtgcacgc gactcgcgct 420  
atctcgctct ttngntgcgg tttttttttc tgctgntagc tgattcattc ataaaaatcg 480  
ggttgtaaaa aaagaacagc ggnacagaaa aaacgcgctg atttatttat tatgccattg 540  
ccgacgcgtc gcgctgagtc tggtgntata gttccctaga c 581

<210> 876  
<211> 506  
<212> DNA  
<213> Drosophila melanogaster

<400> 876  
ttctcatat tctgggtatt taccctaata cgaatataaa atctatctac tggcacacta 60  
ggtgagggaaa ttatggacca caaaagatta cttcatatgt gcagtgcag tagtagaaac 120

catccgtcat taacaaaaag aacttaaatt taaaacgtta ttattttatg tatctgtata	180
catatatggc taaacttgat taagtcttga catggaaggc atttttggca gtgcggagac	240
acagcacttg atcaaatgct atagctccca atgtggcatc cacagttggg acagtagtgc	300
tggacactct tgcagtagtt gatgaagtag ggaaggcaga tgaagggcca gcagctggag	360
aatcagggtta gcaaagttag taagcccggg ggtatcctga cgcacctc accagcagat	420
ataccaggtc agacgcacat gtgggtcttg ccgggtggggg acgtggcaga ctgggtggta	480
cctcgccctg caggacggac acttac	506

<210> 877  
 <211> 411  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 877	
gtgtgtgctt tcgtcactat cgatggggga aaaagaagag tgcgttttca tgggttttct	60
caagatattt gctcttgaag ccccgaaaaa ctagtaaaat aaatactgtt tgcaatgtgg	120
gtgtgccact tggccagtta aacatgcaga cagcgacaaa cacttgtgca caagagccga	180
gccgaacgct cgaattgagg tcaaaatcat ccacaactgg gtctgtgcgg aagcaggggg	240
ggctcatttc tcaggtcggg gtcgacgcct caatgcagca gaggggtgggg ttttcgcatt	300
gggggggtggg taagttttgg cttatccctt cccgcacga aagactacat tattgcaggc	360
ccaaagttcg tatgtatgga tgtggtggta ctgcacaat gacaaatcgc a	411

<210> 878  
 <211> 492  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 878	
atgtaaataa ttataataga aagaccgaac tatgtcagta gtgtgtatgc acaaagtgtg	60
ctcaaaataa agcgaaaaaa ttgtgaaata ttttcgtata aaaatactca caccgaccg	120
agtctgattc tattcttgat taaaaacaaa aagtgaaaag agagtggaac agagagagag	180
agagtgcaga caaatggaag aaacaaacaa aacgcagaga aaaaaattac caaatattcc	240
gagaatactt ggcatthaagc aatcgccaaa agactgggcc gaggggaaga gatcgccctg	300
gaactagggg ctccaatgcc gaccaactaa cacactggcc agccctgggtc tgcaaccatc	360
tctatctcgc ccgccgtcca attagtgcag cattcttaaa gcggccgagg caactttctt	420
ctactcccca aacgagtttc agccacgcac caacacacca acaccaatac cagcaacaac	480
atgacggatg gg	492

<210> 879  
 <211> 291  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 879  
 gccactgcaa taatggcccc aaacgacgat gccaatcgt gacgccagtg acttcggctt 60  
 tcggccgcct ttcgggtttt cgaaattcat ccgtttcaga gaaggaatga actctcgggtg 120  
 ccggagagtt gttcactgga aagtcctact actataagct atttactctt ctcttacgct 180  
 taagattata tggattatta acatctcatt atgcgttgaa ccaataagtg tggtatatct 240  
 tcattaaatt aaatattatg tttaaaatca aataattgcg tgatttaata c 291

<210> 880  
 <211> 454  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 880  
 gttcccgtta tctgatccag acatataggt ctaaagcgt ctccggggcgc tgcctagagc 60  
 gcgactcgcc ggatggaaac cccgtttaat cgcaatcaca agccacagaa agtaaaagca 120  
 agcgaaaagc ggcgtcgcac acacacacac acacaacagg gagtaacgcg cagaacgaaa 180  
 caacagaaaa tgtgtgtaat acaaaaatcc gttgacgcgt tcgcatttgg ttttagcaga 240  
 ggaattgtcg agcgttcgta cgtacttgca tacatatggt atgttatggt actacatgaa 300  
 tgttaccata tacacatggt atgttacata catacatagc ttacccaaaat acttggatag 360  
 cgtttccttg gcagaaatac gctgcactt cggccatata agcttcaatt aatatagggg 420  
 gttcaatccc cgtatcgga caatttcgaa gaat 454

<210> 881  
 <211> 376  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 881  
 ggtagggta aaattaaagc cgaatattat caatccatt ccaaagttca attttgtgtc 60  
 ggaaccatag taaattaatt gttccttgct attaacaacg aaaaatgcat atttagctat 120  
 tgcagttgag acggcagcta ttgcttcttc accacgctgg gaagttgaga atcgagaca 180  
 aataaatctt cctcctcctt cgtccggctc gaccatcaac ttcgatttca atttcataca 240  
 tttcgtttgc gtgggacaag cgagcgacag cagtctctgg agtttagcgga tttattttgt 300  
 ctcgatttgc tgctgctggt gatattgatg atgtgttgc tgctgtctgt tgttctccgt 360  
 aggggtgatt gactga 376

<210> 882  
 <211> 597  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 882  
 acccagacaa tacgaatttg ttttgctgcc accgctgcat tatcagtaga caatgaattt 60  
 ggggttacgc tttctggcaa acaaagtaaa agcgtgttgt ggctcaaaaa agcagcatta 120  
 attagcacag acgaggtcaa tgaaatagca atgatggcgt caataaaata tatgtaaata 180  
 ttttaataata tttatttaaa ttggaataag taaatagcag cctgttttac tttccgaaac 240  
 tcaataacta actttaacca ttccattcct actttaatca ctgccactgt acactttaag 300  
 atttgtttga atacgtatgg tttttttttt tgcaaacctg tccgtttata catacatata 360  
 tactatatag cagaactgaa acaataaaca cattttctaata gccacaaaacg aatcgccaat 420  
 gccgatcgct tttgggattc gcataaacg ctcacgaatc gcgtcaaaat cgcgcgttag 480  
 ctggtggagc ttccaaaaat tcccccaaac caaaagccaa tttaaattcg aaaaagccat 540  
 gatttagcct gatgtcttgc aatttatgcc ttcgacattc gttagtcccc cattttg 597

<210> 883  
 <211> 498  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 883  
 ctgcagacga agcgccgaag cagcgtcgtt tgacgtttct ttttcacatt ctctcacttt 60  
 tgctaagact ctcacgctgg cggctgcggg tgacaaaggc tcctttaact attccactat 120  
 gctcaagttt ctggttaagt ttccggtttc ctgattcaca cctgaaaatt actacactcg 180  
 cctaagtata cggtatgcat atcagatacg agatacaact tttctgtggt ttttgtgggt 240  
 gtgttgcttt tcgcggcgat gacgcgcccc tgcacagtgg tgaaatgtgt tgtctagggg 300  
 ttcaaaatca aaaccaatta tttgattaaa tattaatgat taatataaat gacaaaataa 360  
 aatacatattg aaaatacctt cccaatatct aacttcaca aataaaaaaa tagttattaa 420  
 aagttttaag caaaattcca aaatatctt gctcggataa aacaagagtt ggatggtaaa 480  
 cggtagaagt gcgcaaaa 498

<210> 884  
 <211> 375  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 884  
 tgaggaacct tttggaaccg gccgacgaca gcgaagccaa cgaagccacc cgaagtccac 60  
 ccgatccggg cgctttcgtc tatcagccgg ggcaaaaaaa aaagggttaa aatcagggat 120

aaaaacaaaa ccaaacaaat tgttcggagg gttagggacg taggacattg gtttccagat	180
ttgaggggta ctttttatct gccgatgctc aagattctct tattagagaa caatcgggtct	240
ctctctctct tcgcaattga gcgactttga gtgagttttt gtgctccgcc tcttgagaag	300
cactcaaaga tttggaatgt cttgggtgcc ggagagactt tccaaatgat ctttttaatg	360
tttttttttg gtgaa	375

<210> 885  
 <211> 486  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 885	
tgccgtactt tctgtgcttg tgccctctct ctgcccttcc gctctctcca ctcttcttc	60
cgctctcttt tcacaacaat aaacaacaac aaacacgcgg aatgcgggat gagagccact	120
ttttagttgt tgtagtcaa ttgtttgcct attgaggaaa agcgcgcaat caatatcaat	180
tcgccaggcg tgcttgaata atttctcttc ttatttattt tttctttgtg aatagggggg	240
tgtgtgggta aacaacaac accaaccgtt agcgtcatca ccgcacaacg cacatttcac	300
gagtgaatc aaaatcaaat gcgaaatgag cacaggctga aagcagcgac gtccgcagcg	360
cagtggctgc gcaagtttcg ctttttgccc agtctccatt ctctcttctt tctggctctt	420
cgcttcttga ttcttggat ttttcttgc gcgctctggt ttggtgccat ttttctgtgt	480
cttttc	486

<210> 886  
 <211> 544  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 886	
acaaaccttg gttaatcggg aacattgctt acattaagcg gtgtaagaga gcagcactta	60
gagaattgta cactctttat cttgctcaat tgaactttga agagagccgg caactttggt	120
tgttgcgacg ccaaatttca atgtcgacgt cgcagtcggc agcgtaagct ttcgagcagc	180
gaaaacaaca aacggatgcg agtaaagcaa aagagacaca aaaatgcagt tgtgaatcta	240
gtactaagat taaattatta cagacaaacg taactttatt tgcactagaa aatattacat	300
attatattat tatcttgtgt atatatatat aatacttacc gaacaccaag tactttacag	360
tattcaagta tttcctttta acgtaattaa tgaaatattc attatcttta atcttaattt	420
aaatataact aaacttcac tcaaatagga aggcgccgat taaaatcgga atagagatgg	480
caaataaacg aatggtgtgc ttactaaag gtgagttgcg cagttgctag tagtgtgacc	540

<210> 887  
 <211> 549  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 887  
 cgttagctct tccgctcagc gaacccatcg ctggcacgcc cctcaacctg cagccaatga 60  
 gtgaaatctg cggcactcaa ttctattcaa catggccgcc aaacggaagt cactcgaaga 120  
 gcgagagagc gcgttggtg gcaagtgtaa atgtgtgtgc gtggctttcc cctgctgtgt 180  
 tggtcgtttt gcagactttt tgcaccttta tttgtcattt gtgtgtaatt tcggaaaatg 240  
 ttggcacatt atgacgctcg acgccagttg ggccggggtc gcgcgcttaa gtgtcctcca 300  
 gggactttac ttcgttagca gaagttttct gccctcatcg tccttcgtcc tttgcgggtt 360  
 ccttggtgct gtggtttggt gctgtgctgt ggctgttgcc gtgcggtgcc gcactgtgtc 420  
 gtttgcggtat gtgtctctta ttttcataac tgtaaattgc tttagatatt aagtctgctg 480  
 tactagctgt ggatttccaa acggcactgt atgtgtgctg gtgacagcaa aaggacgaag 540  
 gatgggtct 549

<210> 888  
 <211> 306  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 888  
 agccagagag aacttgacag agctgcatcc ggcgcgaca aatcgaaccg gttatgtcag 60  
 atagaaattt taaaaatttc ttgtaaataa ataaaaatcg aagtatctgt aaacatatac 120  
 attgaaatta cctgagctct agtaacaact ctttaaaaag tagagaacct tacaattgga 180  
 atatataacg aaatacacac attttgcgga aatgtatggc tttctttcag tttcagcttt 240  
 gtttgccctc ctttttttta atttcaccag gttctcaaaa caagtttacc atcgtgcaaa 300  
 gaattc 306

<210> 889  
 <211> 579  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 889  
 cccacgacca ttagccagcc gcacggccg cgtcccggcc aaggggttgc tgagaccag 60  
 agtcggggtc tggacgctc tttcaggtg ccctggccca catgctttcg tcgttcagtc 120  
 ctctcttaat ggggggtct cgtaccctca ccctcacaca cagaggcca cttgggtgtg 180

aaagttctgc tgggctctgt ctgtgtcacg cttatgattt aataagcaaa tgtgctgcga 240  
 aattgctgaa attgtttggc tgtccgcat cccacaatc cgaatctgc cccacgccct 300  
 gaaatcactg tccgccgtat ttgcattga aatgctttag ccaatgcgtc acggaagaag 360  
 aaaagtgggc ggtagtccgt gcttgccctt tgattctcgt acctttaaat gcctttgcat 420  
 ggagctagtt cttgcctaataaatcataat aaaaagttct aggtctgcaa aaatctaaaa 480  
 tctcattcgg accattggaa tatttaatta tgttattatt atattaatat tcatagattg 540  
 tttccaagtg caggtgatag agatttagaa aacgaattc 579

<210> 890  
 <211> 191  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 890  
 gctcaaagt agagacaggg agagagagag agtacacggc gtatgtgaaa gattcacttt 60  
 tacacatcca aaaaagagat gtgagttatt ttaaattgtag tattaaatta atctgaattt 120  
 ttgccatatt aggcaattat ttgatatcat tttttgatca tgatcttttg taaatattct 180  
 ttttgaatt c 191

<210> 891  
 <211> 264  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 891  
 ggaaagaccc cgaccacac tcgtgtggcg ccataaaaa cgatcatcgtt gcacataaaa 60  
 cccgacagca aacaatgcag cttgccattt ggctgccgcc gtaatagttc ttttaattgct 120  
 caaaaagtc gtcaaagttc gactcctcca cccatataca taaatgtata tttaccacaa 180  
 gcataacccg tacaaggtaa agtcggttgc tcgttgctcg tttgggcccc ttaatcactt 240  
 ggagtgtagg gaggaggctg gggg 264

<210> 892  
 <211> 537  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 892  
 ggccgcgcct tttattgcgt ttttacgaag caattgtgcc tgcattcggg ggaaaaacta 60  
 caaaatatta tttgatcgga ggaaacgaaa cactcgcagc aagcgacgag agcgaaatgc 120  
 agcgtgcaag agcgagactg caccacagtc agcttttacc gttgcacgca gcgttgatga 180  
 caagggaaag aaataaggac gcatgcgcga aaaatttctg ttggtcgctt gaagaacagt 240



atataccaaa tattggtttc ggtttcaata aagagaaatt aaatggtaaa tgtgtaacaa	300
aaggaaaaat ttttaaataat ttagattact gttgagtaat agttggcagc tattttacac	360
acatagatgg cgtgacgggt actttttaca gaactctgtt acgtttggaa aaatcagatc	420
tgtgagatca tacattttgg tattttaaact attttagcaa ctggtaacac tattcgacac	480
cggtgccatc aattttgggt caatttaaaa ggaactatgg ttttgcatac acaaagt	537

<210> 893  
 <211> 1068  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 893	
actgggcaca atgggaaccg ccgagggcgg catgcgcaaa catatctgca ccgtccattt	60
caactggtcg ccaccagct ccggcttcaa atccaaacgc atgatctgta cgaaatcctt	120
aagtacctgg gcgggcaggt tcaacagccg gcagatgctg tgcagggaaat tgggtcggta	180
tgggtggagct gccactctgg tgtcaaagta ctgctctata accagcagat cgtcctggct	240
aagctggaac ggcggcggat gcttgtcggg catgggcggc agctgagaga ctttgagggtg	300
cagcgtctgc atgtgcatct gattcagcac cacctggcac tgcagtccat cgacctgaa	360
gagcaccact cctggttctg tactgttttag ggcggtaagc gtctcctcgc tctgaatgtt	420
tctgtgcaat tgccttctca tataaacgca gcctagaaaa cgctctagag gactcatgtc	480
cggcacattg atatccttgt tcggatacgg actgggacga cacagagtct ccaaagcttc	540
atgggtgagg agagtaggaa ctgctccagc ccagggccga ttgagagtgc ctcgagagcc	600
tcctctatcc gtgccaccgg ccaactcctgc tccaccaccg gtgctcttgt gatcaggact	660
ctgtccgggt cgtggagatg ggcgcggcat gctgggggat ccggggccaat tgttattcgc	720
cggcgacatg gcggtgaagg gagagtcttg gtggctctgc atgtagagcg tgttgggtcc	780
aggactatgg accatgtggg gactgggctg aggatttagc ggagacgacg gcatcaagcc	840
gcttggcgac ggatgtggca tatgtggcgc tggcggtgac gtcaggttga agttgcccg	900
gtccctgggg tccactgccg ccacctgccc ccgcacttgg atgccgactg gcgggtgtgt	960
gcggatttga actggaaggc ggagtgtggg gggcaggaaa acgcagccac tgctctcggc	1020
gattgcggtc ccgcatttca gtacccaaaa tggtaggat ccaccaca	1068

<210> 894  
 <211> 597  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 894	
gctgtggctg tagtcaagcg agcgacatg agtcagattc gtagcttttg ttttgttcag	60

tcgagtgcga gttcttggcg attcagatac tcgctgccat ccgaaccgaa ctgaagtcca	120
agtcgaatct aatgtgcgta cttacgtgta gaacagttca agaaaatgtg cagacattca	180
acggtcgcat ttgtgtggat gtgtggttgt agtgaagagt gccagcatta atcgcatttt	240
ttccctgcac gagcaccacg actagaaaat actcgacacg tctgtctgtt tttctgcttt	300
attgcttcta cgtattctg cttttccgtt tcggttttcc tccgcttggc ctagtgaaaa	360
acaacaaatt tgattatatt gtgtaagtta tgtctagcat tgaaaagatg aaaagtgtca	420
ttcctataaa tacaccacca cctcgggaaa ggcactcgca atagagaaac tggccaaaac	480
ccaacaacaa acataacaaa caaaggaacc gcttgaatat aaccctaactt tcggagtaag	540
gggctgacta aaaagggtatt agtgcgcaac catcatgact aactcaccac ccaaaac	597

<210> 895  
 <211> 491  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 895	
gttgagcgcg acagtgggag agagaagagc gcgcaaaagt acagatgccg ccacacacac	60
attttttact accacacacg tttcattgaa aaaacatata cacaaaagct aaggccgtaa	120
accactgca aatttgcgaa aaaaaaacg aaatgaaatg aaaactaata ccaacacatg	180
gcttaaaatc tgctgcgcaa atttttgggc gatggctctg tgtgtttcgt tccgtatgcc	240
aaaacgtttc gcttgttttc gtttcatttc cacaccgctt tttttttttt ttttttgctt	300
tttcccatgc ggcatttatt ggcaacctgc gagcaaaaga gagggcgact aggggttggtg	360
tgcaagggga gatggagcgc tacggcttgt ttatgaaaaa cacatgattt tttgtgtcca	420
acagtttttg ggggcatggg cgaagagagg aagcacagga gtgcgaaaac tactattccc	480
catagtttac a	491

<210> 896  
 <211> 475  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 896	
gtccatccaa ggaatacggg gtttcggcac ctatgccgac gatcttcaga gtataaagtt	60
ttcctcgccg gttaccctga ttctgggcga gaacggatgc ggaaagacga ccgtggtaga	120
gtgtctcaag tacgccttga ccggcgagtg tccgccgggc agtgatcggg gcaagagttt	180
cgtccatgac cctaagatct ttgggctaaa cgagggtgcta gcgcagatca agatgcaggt	240
gcgggacagg ccgtgggtgcc caagtgtcca tctgccgcac catgaagggtg tccaagaagc	300

gcaacaaaat gtcctttgaa acaatggact ccaccatcaa ctctctgacc ggcgctggac 360  
 agtcgaagcg cgaaaagcag gactctctaa gcggccgctc cgtggatatt cgacgtggcc 420  
 atctcggact tcatgggggtg tctccaggct attatcaaca atggctctgg ttttg 475

<210> 897  
 <211> 461  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 897  
 cgttcaacca tccacagtgc tgcgactat cgattgtttg tgttcgacta agatatcgga 60  
 gtggaatgtg tttggtttaa gtgtgggcat aaatcgatca atcgatcaac ttctatttta 120  
 gtacatatcc aaattcaaac tcttccgtta acgatctaaa cggaaattta tcttgccctgc 180  
 ttcttttaaat aagtataatc ttgaatatat tggcttgaag ttttcataag aaacactttt 240  
 atttaaaaac attttggcta aatttcagcg cctaaattat catcgatatt cgccgccaca 300  
 ccccaaaggc agttctccca atggccctca aacctaaact ggtgtttccg atgcaggcag 360  
 ctctccagc ttcagctgac ttgcgcagaa tgaactggtg ccgtttaccg tgcgcacca 420  
 gaagaaaggt atccccagtg aagtcccttt gactcctctg g 461

<210> 898  
 <211> 507  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 898  
 gcatggacga cttaaattccg ctggcgggca cggctcacct cctggaagag gttgacagtg 60  
 agtaaattccg aatgaaagga aggccagtcg ttaaaaaccg gcgcattgca gagaaactga 120  
 tggactttt gagagacgga cggactctga ttggatacct gcggtcctg gaccagtctg 180  
 ccaacctggt gctgcaacgc accatcgagc ggatacatgt gggcaacgaa tacggcgaca 240  
 ttctcgtgg agtcttcac attcgcggcg agaattgtgt gctactgggc gaaatagtaa 300  
 gctttactcg atacattttc aacatgactg attaacaccc tttaaattat cgtaaaaggg 360  
 accgtgaaaa ggagcagaaa ctgccactca aagagatatc cgtcgatgaa atcctggacc 420  
 cccaacgtag ggaacaggag cagcggcagg agaaacaccg cctagtatcc aagcactaaa 480  
 ggacgagcct ggcccgtaga tgccaac 507

<210> 899  
 <211> 544  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 899

tggatgtctc ttgccgacgg gaccacctta tggtattttca tcaaaacgct aaaagctgtg 60  
 aactggcaac ttataaaaaa aaaggtatTT tttttaaaata tttgggctac gcctactcta 120  
 acgtcaagaa atgtcaaaac ctcgtaggga aatacaaact atttcttata catatattgc 180  
 atttattcag tcaaacatca gagcgctgaa gctattattg aaactgtcgc tagatggcgc 240  
 acatgtgtca catgtgtctc catctccctt gcactacctt gcaatgacta acgggtatct 300  
 gatagtcgaa aaggtgcaaa attgaaaaga tgtgcgcaag tatttaaata gctgctgaa 360  
 atctctgtac agcaattcat tttgggtaat caaataaaaa atataataat ttttcaaaga 420  
 tttttaatga cttttaattg acttcaggat gataagagag ttcataaagg caagcaaata 480  
 ttctgaattt gaccagagaa ttggtatgta ttataataac gtcattcttca tcattaattc 540  
 gatt 544

<210> 900  
 <211> 528  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 900  
 gtgttggcca tatcagagaa cctgtcagaa aagcgaaaag ggggttcgag ccacgaaggt 60  
 ggctttcaca cgtcatgggc ataattgaaa attgacagtt tattgccata ggcacgcca 120  
 cttttggcct cctggccttg ttggccatga ttaaaataac aaaagcacgc aaatacacac 180  
 acacacacac aactcaacc acacacactc actccggcga tgcttgtcta catcgccgtg 240  
 aagacggacg tcttaaatac acgctgcgcg aaataactga aaccatagta gttgtgtcgg 300  
 cccggtgtgc gcggcaatct agcaaaacca cacggtggga gtcgcgcca tagttctgcg 360  
 ctgcaatcac gccgagttaa ttgtgcgcct gttccgggta aataggtaat ttattatctt 420  
 gcgattattg cagcggataa agcagctgat agcgtgccca acttgcgcac ggggcgatct 480  
 ggaaaggaaa gcgttcgaga caaccggtgt gatcagtggg tgtgttgc 528

<210> 901  
 <211> 521  
 <212> DNA  
 <213> *Drosophila melanogaster*

<400> 901  
 gtttggacat cacaaagtct ccgaaaggct aactttactt tctccacatc gccaaggcg 60  
 aagtagcaga gtaagagggtg aatgctactt ctaatgtttg cccgctccgt catgatgaac 120  
 tcaaagctag aagcagcatc tgaataagag cccatgcgaa taaaaaggat tccaatgttt 180  
 tcacggatct ttagccttaa ctgacttaag ctctttggta cagaatcaag ggccatgcgg 240  
 tacattttaa ccgccttttg gtaaataccc atgctgtagt agatgttacc catatttagt 300

tttagctgat tgacgtgtgg aaacatcttg tttttggcca taatgctgta ggtattgagg	360
gcttcgatgt gcatctcact ccgttcgtat tgctccgca gattaataaa aacctatagt	420
ccatatatat taaagtttta aattatcctt ctaatcgtgc ttaccgcata tgtcaaatcg	480
aaagttgtga taaacatttc accgtgctgg tctcaaattg g	521

<210> 902

<211> 378

<212> DNA

<213> *Drosophila melanogaster*

<400> 902

ggccgtaact aagttaacca ttcggattgc accaatacaa ttgcctcttg aatttcacca	60
gagcggggaa gggtcgggaa tataatattg ccatttatgg aagtggatct gcctaagag	120
aactgcgttt cccggaaaga ggtgcaccaa tcgaccttaa gtttacaaga tcaccaaagt	180
tgaaagaatt aattttttta tctaaaaaca aaagtgaata ctctcaaac aataaataaa	240
aacggcagtg aaataccact ttcaatacaa caaaatttat aaaatatttc ttaaagctgt	300
aaacagtggc gcattcgcaa tgcattttgc caaaaaacaa acgccacaca tggatatgtg	360
tatggtatgg gaatatgt	378